

Index to the Supplement

TO

THE CALCUTTA GAZETTE

FROM

JANUARY TO JUNE 1894.

Page.	Page.
Barometrical and Thermometrical observations—	Crops—Estimates of outturn of rabi and special—
Results of the—taken at the Meteorological	of Bengal, 1893-94 ... 529
Office, Chowringhee, from 24th to 30th Decem-	Cotton crop—Note on the late—in Bengal for
ber 1893, 42; 1st December 1893 to 6th	1893-94 ... 752
January 1894, 111; 7th to 13th January 1894,	Wheat crop—Final report on the—of 1893-94 ... 891
140; 14th to 20th January 1894, 162; 21st to	Oilseed crop—Final report on the—of Bengal
27th January 1894, 190; 28th January to 3rd	1893-94 ... 911
February 1894, 218; 4th to 10th February	District Road Fund ... 169, 501
1894, 269; 11th to 17th February 1894, 304;	Darjeeling West Tista Khas Mahals—Resolution
18th to 24th February 1894, 324; 25th to 3rd	on the resettlement of— ... 946
March 1894, 376; 4th to 10th March 1894,	Experiments on silk—at Alipar ... 367
303; 11th to 17th March 1894, 448; 18th to	Exhibition—Pottery, China and glass—(1894)
24th March 1894, 470; 25th to 31st March	Imperial Institute ... 504
1894, 519; 1st to 7th April 1894, 545; 8th to	Antwerp ... 528
14th April 1894, 663; 15th to 21st April 1894,	Eden Sanitarium—Resolution on the report on
792; 22nd to 28th April 1894, 771; 29th April	the working of the—for the year 1893 ... 653
to 5th May 1894, 835; 6th to 12th May 1894,	Embankment Report for 1892-93 ... 741
884; 13th to 19th May 1894, 943; 20th to 26th	Examination—Results of—of candidates for
May 1894, 960; 27th May to 2nd June 1894,	appointment as Deputy Magistrates, Collec-
1006; 3rd to 9th June 1894, 1067; 10th to 16th	tors and Sub-Deputy Collectors ... 862
June 1894, 1094; 17th to 23rd June 1894 ... 1136	Emigration from the Port of Calcutta to British
Abstract of the	and Foreign Colonies—Resolution on the Annual
results of—in December 1893, 111; January	Report on—for 1893 ... 1195
1894, 269; February 1894, 376; March 1894,	Famine—Areas liable to—and programmes of
576; April 1894, 828; May 1894 ... 1057	relief works ... 77
Bengal Legislative Council—Abstract of the	Forest Administration Report—Resolution on
proceedings of the—under the provisions of I.	the Annual—of the Lower Provinces of Bengal
C. Acts, 1861 and 1802—227, 331, 475, 695,	for 1892-93 ... 128
671, 775 ... 839	Service Branch, Cooper's Hill College—
Bengal Meteorological Department—Adminis-	Resolution regarding—for 1894 ... 350
tration Report of the—for 1893-94 ... 1115	Gogra embankment—Resolution and observation
Calcutta—Resolution on the Report of the Health	relating to— ... 244
Officer of the Port of—for 1893 ... 457	Irrigation—Areas leased out for—up to November
Calcutta Medical Institutions—Resolution on the	1893, 116; December 1893, 222; January 1894,
Report on—for 1893 ... 1109	273; February 1894, 520; March 1894, 830;
Canals—Circular and Eastern—Return of Traffic	April 1894 ... 1096
on—for the week ending the 23rd December	Khair—operations for 1893-94 ... 710
1893, 45; 30th December 1893, 6th January	Jail Department—Resolution on the Administra-
1894, 117; 13th January 1894, 142; 20th	tion Report of the—for 1893 ... 1017
January 1894, 165; 27th January 1894, 182;	Legal Affairs—of the Government of Bengal—
3rd February 1894, 223; 10th February 1894,	Resolution on the report on the—for 1893-94 ... 1101
279; 17th February 1894, 307; 24th February	Liberality of Babus Krishna Mohan Lal and Dilli
1894, 326; 3rd March 1894, 379; 10th March	Mohan Lal, zamindar of Ulas in Monghyr
1894, 417; 17th March 1894, 448; 24th March	district ... 31
1894, 473; 31st March 1894, 521; 7th April	—Babu Hari Lal Shaha Chaudhuri of
1894, 587; 14th April 1894, 669; 21st April	Tangail, in the district of Mymensingh ... 172
1894, 735; from 28th April to 5th May 1894,	—Luchmi Prasad Singh ... 199
831; 12th May 1894, 884; 12th May 1894, 884;	—Syed Tarasud Hossain of Hossainia-
19th May 1894, 945; 26th May 1894, 962;	bad on the district of Monghyr ... 252
2nd June 1894, 1009; 9th June 1894, 1003;	—Maharaja of Dumraon ... 507
16th June 1894, 1097; 23rd June 1894 ... 1138	—Babu Krishna Mohan Rudra Sarkar ... 527
Abstract statement showing tollage on—	—Late Babu Bhudeb Mookerjee, C.I.E.,
in Bengal classed as Major and Minor works—	late Inspector of Schools in Bengal, in creating
November 1893, 142; December 1893, 279;	a munificent trust for the promotion of Sanskrit
January 1894, 416; February 1894, 586;	learning and other charitable objects in the
March 1894, 545; April 1894 ... 1062	province of Bengal ... 989
Chemical Examiner—Resolution reviewing the	Lunatic Asylums—Resolution on the report on the
report of the to Government for the year	—in Bengal for 1893 ... 967
1893 ... 854	
Chittagong Port—Resolution on the revised	
budget estimate of the Commissioners of the—	
for the years 1893-94 and 1894-95 ... 75	

ii INDEX TO THE CALCUTTA GAZETTE FROM JANUARY TO JUNE 1894.

	Page.		Page.
Meteorological—Report of the province of Bengal for December 1893, 92; January 1894, 268; February 1894, 394; March 1894, 506; April 1894, 858; May 1894	1038	Statement of—in Bengal for the week ending the 30th December 1893, 38; 6th January 1894, 186; 13th January 1894, 130; 20th January 1894, 158; 27th January 1894, 186; 3rd February 1894, 211; 10th February 1894, 272; 17th February 1894, 300; 24th February 1894, 320; 3rd March 1894, 370; 10th March 1894, 408; 17th March 1894, 444; 24th March 1894, 466; 31st March 1894, 514; 7th April 1894, 589; 14th April 1894, 632; 21st April 1894, 726; 28th April 1894, 766; 5th May 1894, 824; 12th May 1894, 880; 19th May, 939; 26th May 1894, 956; 2nd June 1894, 1002; 9th June 1894, 1052; 16th June 1894, 1090; 23rd June 1894	1132
Meteorological—Results of the—observations taken at the Alipur observatory from 24th to 30th December 1893, 43; 31st December 1893 to 6th January 1894, 112; 7th to 13th January 1894, 133; 14th to 20th January 1894, 163; 21st to 27th January 1894, 191; 28th January to 3rd February 1894, 219; 4th to 10th February 1894, 277; 11th to 17th February 1894, 305; 18. to 24th February 1894, 325; 25th February to 3rd March 1894, 377; 4th to 10th March 1894, 405; 11th to 7th March 1894, 411; 18th to 24th March 1894, 463; 25th to 31st March 1894, 519; 1st to 7th April 1894, 577; 8th to 14th April 1894, 659; 15th to 21st April 1894, 731; 22nd to 28th April 1894, 770; 29th April to 5th May 1894, 829; 6th to 12th May 1894, 887; 13th to 19th May 1894, 942; 20th to 26th May 1894, 961; 27th May to 2nd June 1894, 1007; 3rd to 9th June 1894, 1055; 10th to 16th June 1894, 1095; 17th to 23rd June 1894	1129	Rainfall—Table showing the monthly and annual—	308, 177
Abstract of the results of—observations in December 1893, 163; January 1894, 267; February 1894, 375; March 1894, 536; April 1894, 821; May 1894	1037	—recording stations in Bengal for 1893	177
Report of the province of Bengal for the week ending 30th December 1893, 36; 6th January 1894, 101; 13th January 1894, 134; 20th January 1894, 156; 27th January 1894, 184; 3rd February 1894, 212; 10th February 1894, 270; 17th February 1894, 298; 24th February 1894, 318; 3rd March 1894, 368; 10th March 1894, 406; 17th March 1894, 442; 24th March 1894, 484; 31st March 1894, 512; 7th April 1894, 578; 14th April 1894, 660; 21st April 1894, 724; 28th April 1894, 764; 5th May 1894, 822; 12th May 1894, 878; 19th May 1894, 936; 26th May 1894, 954; 2nd June 1894, 1000; 9th June 1894, 1050; 16th June 1894, 1088; 23rd June 1894	1180	Table of—recorded at stations in Bengal for December 1893, 94; January 1894, 260; February 1894, 356; March 1894, 568; April 1894, 870; May 1894	1040
Monsoon—The monsoon of 1893	49	Table—Supplement to the—for Bengal 1893	434
Municipalities (Bengal)—Resolution renewing the reports on the working of—during the year 1892-93	1	Railways—Weekly return of traffic receipts on Indian—45, 119, 143, 185, 196, 224, 233, 310, 327, 384, 412, 449, 478, 522, 592, 669, 736, 772, 835, 889, 946, 962, 1013, 1036, 1097	1138
Opium—Resolution on the Report on the Administration of the—Department for 1892-93	1	Bengal Central—for the month of October 1893, 195; November 1893, 231; December 1893, 332; January 1894, 591; February 1894, 832; March 1894	1012
Prices current (retail)—Of food grains, fire-wood and salt—in the head-quarters station hazards of the districts of Bengal on the 31st December 1893, 86; 15th January 1894, 150; 31st January 1894, 206; 15th February 1894, 292; 28th February 1894, 362; 15th March 1894, 428; 31st March 1894, 552; 15th April 1894, 718; 30th April 1894, 814; 15th May 1894, 928; 31st May 1894, 994; 15th June 1894	1032	East Indian—for November 1893, 118; December 1893, 289; January 1894, 418; February 1894, 588; March 1894, 855; April 1894	1061
Provincial Services—Statement showing the receipts and expenditure of—for 1892-93	209	Eastern Bengal State—for the month of October 1893, 193; November 1893, 308; December 1893, 330; January 1894, 539; February 1894, 532; March 1894	1010
Revised estimate for 1893-94	209	Reformatory Schools—Resolution on the Administration Report of the Alipore and Hazaribagh—for 1893	1069
Rainfall, weather and state and prospects of the crops; 32, 80, 129, 146, 173, 201, 253, 288, 314, 358, 388, 424, 469, 608, 654, 655, 714, 758, 810, 853, 924, 950, 990, 1030, 1077	1125	Rice—Statement showing the stocks of—in and around Calcutta, 85, 206, 392, 564, 820	1036
		Rivers—Statement showing heights over mean sea level and low water in certain—viz., Ganges, Bhagiruthce, &c., for November 1893, 44; December 1893, 164; January 1894, 306; February 1894, 471; March 1894, 734; April 1894, 1008; May 1894	1137
		Royal Botanic Garden, Calcutta—Resolution on the Annual Report of the—for 1893-94	1072
		Salt—Report on the state of—market for the third quarter of 1893-94, 250; for the fourth quarter of 1893-94	860
		Survey and Settlement Reports—Resolution on the—	972
		—of the Hukampur estate in the district of Birbhum belonging to the Burdwan Raj	453
		Traffic—Statement showing the quantities of the principal staples of—imported and exported in Calcutta from the interior during January 1894, 762; February 1894, 934; March 1894	1034
		Vital Statistics—Of the districts of Bengal for the month of November 1893, 113; December 1893, 220; January 1894, 413; February 1894, 667; March 1894, 733; April 1894, 886; April 1894	1059
		Working-Men's—International Exhibition to be held at Milan in November 1894	506



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JANUARY 3, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 299.

[First Publication.]

BAY OF BENGAL.

COROMANDEL COAST.

The date of exhibition of the new light at Madras.

WITH reference to Notice to Mariners No. 151, dated the 19th June 1893, issued by this office, the Presidency Port Officer, Madras, has given notice that the new light at Madras will be exhibited on or after the 1st June 1894.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 30th December 1893.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 294.

[Second Publication.]

CHINA, EAST COAST—GULF OF PE CHILI.

Bank reported eastward of Shah Lui Tien.

THE British Admiralty has given notice (No. 592 of 1893) that the Master of the Chinese steamer *Peiping* reports the existence of a bank, about 3 miles long in an E.N.E. and W.S.W. direction and about $1\frac{1}{4}$ miles broad, on which he has repeatedly obtained soundings of 7 to 9 fathoms at low water, hard mud bottom, situated with Sha lui tien, bearing west, distant about 14 miles.

Approximate position, centre of bank, latitude $38^{\circ} 57' N.$, longitude $118^{\circ} 51' E.$

(Variation, 3° Westerly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 22nd December 1893.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 295.

[Second Publication.]

BAY OF BENGAL—COROMANDEL COAST.

Shoals eastward of Kottapatam.

THE British Admiralty has given notice (No. 595 of 1893) of the following information relating to the existence of shoals eastward of Kottapatam, received from Commander C. F. Oldham, R.N., in charge of the Marine Survey of British India:—

1. A shoal, about $2\frac{1}{4}$ miles long, N.N.E. and S.S.W., and one mile wide, with a least depth of $1\frac{3}{4}$ fathoms on it, lies N.E. by E. (N. 56° E.), distant 4 miles from Kottapatam obelisk and 2 miles off shore. Patches, with depths of 3 to 5 fathoms on them, extend from this shoal to the shoalest part of Mutapalli bank.

Approximate position, $1\frac{3}{4}$ fathoms, lat. $15^{\circ} 27\frac{1}{2}'$ N., long. $80^{\circ} 13\frac{3}{4}'$ E.

2. A shoal, a quarter of a mile in extent, with a depth of 5 fathoms on it, lies $13\frac{1}{2}$ miles from the coast, or in lat. $15^{\circ} 29\frac{3}{4}'$ N., long. $80^{\circ} 26\frac{3}{4}'$ E.

(Variation, 2° Easterly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 22nd December 1893.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 296.

[Second Publication.]

AUSTRALIA—BURNETT RIVER.

Alteration in leading marks and depth of water.

THE Portmaster, Brisbane, has given notice (No. 29 of 1893) that the leading marks for No. 1 Cutting, Burnett river, have been altered, and the lead, which is now 60 feet to the eastward, and parallel to the old lead, shows the centre of the new 120 feet Cutting. Least depth of water on this lead 7 feet at low-water springs.

The least depth of water between Rubyanna and the Bundaberg wharves is now 6 feet at low-water springs.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 22nd December 1893.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 297.

[Second Publication.]

AUSTRALIA—WIDE BAY BAR.

Beacons—North channel.

THE Portmaster, Brisbane, has given notice (No. 30 of 1893) that Masters of Vessels using the North Channel over Wide Bay Bar must keep the beacons open twice their own width to the northward.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 22nd December 1893.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 298.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Placing of a light-vessel off the Barragua flats deferred.

WITH reference to notice to Mariners, No. 237, dated the 23rd October 1893, issued by this office, the Port Officer, Rangoon, has given further notice, that the placing of a light-vessel off the Barragua flats, gulf of Martaban, has been deferred for 18 months.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 22nd December 1893.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 285.

[Third Publication.]

CHINA SEA—FORMOSA.

Tamsui—Intended alterations in bar signals.

THE British Admiralty has given notice (No. 571 of 1893) that the following signals will be substituted for those now shown to indicate the depth on the bar at Tamsui, north coast of Formosa:—

Depth of water on bar.	North yardarm.	South yardarm.
10 feet ...	●	
11 „ ...	●	●
12 „ ...	● ●	
13 „ ...	● ●	●
14 „ ...		● ●
15 „ ...	● ●	● ●

Half feet will be shown by a ball half-way out on the north yardarm.
Rising tide will be shown by a ball at the masthead.

The symbols will be painted white and hoisted at the Custom-house flagstaff.
Flag Signals by the International Code will be answered at the Custom-house flagstaff.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 9th December 1893.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 288.

[Third Publication.]

EASTERN ARCHIPELAGO—CELEBES SEA.

Talaner islands—Sunken reef southward of Karakelang island.

THE British Admiralty has given notice (No. 575 of 1893) of the existence of a sunken reef, with a depth of about 2 fathoms on it, situated southward of Karakelang island, with the south-east extreme of South Saha island, bearing S.-W. $\frac{1}{2}$ S. (S. 40° W.), distant $2\frac{1}{4}$ miles, and south-east extreme of Kaburuan island S.S.E. $\frac{3}{4}$ E. (S. 30° E).

Approximate position, lat. $3^{\circ} 58' N.$, long. $126^{\circ} 44\frac{3}{4}' E.$

(Variation, 1° Easterly in 1893.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th December 1893. K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 289.

[Third Publication.]

PACIFIC OCEAN—CAROLINE ISLANDS.

Helene shoal—Foul ground to the westward.

THE British Admiralty has given notice (No. 587 of 1893) that information has been received from the Master of the steamer *Angers* that at 2h. 30m. p.m., 16th September 1893, in lat. $5^{\circ} 33' N.$, long. $149^{\circ} 3' E.$, or westward of the reported position of Helene shoal, the vessel passed over a narrow patch of shoal water, with apparently depths of 5 to 6 fathoms on it; no soundings were taken, but the bottom was distinctly visible. This shoal is probably connected with Helene shoal, as green water was observed from the *Angers* stretching far to the eastward of the above position.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th December 1893. K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 290.

[Third Publication.]

CHINA—SOUTH-EAST COAST—HONG-KONG APPROACH.

Gap rock light apparatus damaged and exhibition of temporary light.

THE British Admiralty has given notice (No. 589 of 1893) that a recent typhoon has damaged the light apparatus in Gap rock light-house, and that a temporary light has been exhibited from the light-house; but mariners are warned that this light cannot be implicitly relied on.

Approximate position, lat. $21^{\circ} 48' 50'' N.$, long. $113^{\circ} 56' 20'' E.$

Further notice will be given when the permanent light is re-exhibited.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th December 1893. K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 291.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

Outer Spit buoy removed for repairs.

A TELEGRAPHIC communication has been received from the Port Officer, False Point that Outer Spit buoy has been removed for repairs, and fifth class conical buoy laid in its place.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 16th December 1893. K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 292.

[Third Publication.]

EASTERN ARCHIPELAGO—STRAIT OF MANGKASAR—CELEBES, SOUTH-WEST COAST.

Date of exhibition of light on Dajang-Dajangan islet.

With reference to Notice to Mariners (No. 261, dated 10th ultimo), issued by this office, the following further notice (No. 34, dated 20th November 1893), issued by the Vice-Admiral Commanding the Naval forces in Neth.-India is republished for general information:—

With reference to Notice to Mariners, No. 30, Batavia, 1893, notice is given that the beacon light on *Dajang-Dajangan* islet has been exhibited on the 16th November last.

The light, shown from a framework iron support, is a *fixed white* light of the fifth order. It is elevated 63·3 feet above high water, and should be visible from a distance of 14 miles in all directions, except where obscured by *Tanna-Kéké* islet. It will, however, be visible over the lower parts of this islet.

The light-house 67·7 feet above high water, and the stone watch-house with red roof are painted white.

Approximate position, lat. 5° 23' 38" S., long. 119° 10' 26" E.

This notice affects the charts: Zuid-Westkust Celebes, 1880, and Straat Mangkasar, blad II, 1883.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 16th December 1893.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 293.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Shoal water near the Krishna light-vessel.

CAUTION.—The Master of the S.S. *Vita* reports that at 6·07 A.M. of the 14th December 1893, he struck 3 fathoms (or 11 feet reduced L. W. S.) S 42° W., distant 6' from the Krishna light-vessel.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 19th December 1893.

Under-Secretary, Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JANUARY 10, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 1.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Depth of water found in the river channels.

THE Port Officer, Chittagong, has given notice, that the following depth of water was found in the river channels by soundings taken on the 20th December and reduced to zero :—

No. 1 Track	...	...	...	9 feet 6 inches.
" 2 "	...	...	...	10 "
" 3 "	...	...	...	15 "
" 4 "	...	...	...	20 "
" 5 "	...	...	...	16 " 6 inches.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 2.

[First Publication.]

EASTERN ARCHIPELAGO, JAVA—NORTH COAST.

Wreck, N. by E. of Tegal.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval Forces in Neth. India, No. 36 dated Batavia the 7th December 1893, is republished :—

Information has been received from the Master of the Dutch steamer *Soerabaja* that it is supposed that the English bark *Clan Grant* lies sunk on the following bearings :—

Peak of Cheribon (<i>Tjeremai</i>)	...	...	...	W. by S. $\frac{3}{4}$ S.
Peak of Tegal (<i>Salamat</i>)	...	...	...	S. $\frac{1}{4}$ E.
Mount Olifant	...	...	...	S. by E. $\frac{1}{2}$ E.

The bark was anchored there in 18 fathoms water, and when the *Soerabaja* was in the vicinity it was still driving, but already sunk till the deck.

Bearings true.

This notice affects the charts : Nederlandsch Oost-Indië, blad II, 1867 ; Java Zee en aangrenzende vaarwaters, blad I, 1892 ; Java, blad II, 1892, and Noordkust Java, blad III, 1887.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 3.

[First Publication.]

AUSTRALIA—FITZROY RIVER, SECOND FLATS.

Alteration in Lead.

THE Portmaster, Brisbane, has given notice (No. 31 of 1893) that the front light of the Second Flats Lead, Fitzroy river, has been shifted, so that the lights in line will now lead clear of the wreck of the Woonona.

The lights which formerly led close by the stern of the wreck (*vide* Notice to Mariners, No. 27 of 1893) now clear it by about 150 feet.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 4.

[First Publication.]

AUSTRALIA—BURNETT RIVER.

Alteration of bar leading beacons, and directions for entering.

THE Portmaster, Brisbane, has given notice (No. 32 of 1893) that the Leading Beacons, Burnett river bar, have been moved from the south to the north side of the river, and now lead over the bar on a W. $\frac{1}{2}$ N. (mag.) bearing, carrying 5 feet at low-water springs.

To enter, this lead must be followed until two small white triangular beacons (red and white lights by night) on the south shore come in line bearing S. W. by W. $\frac{1}{2}$ W., and this latter lead must be followed until the lighthouse comes in line with the stage beacon bearing W., then proceed as formerly.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th January 1894

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 5.

[First Publication.]

AUSTRALIA—PORT CURTIS.

Foundering of a lightboat.

THE Portmaster, Brisbane, has given notice (No. 33 of 1893) that the lightboat which marked the spit off Gatcombe Head, Port Curtis, has foundered. She will be replaced as soon as possible.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 6.

[First Publication.]

JAPAN—SETO UCHI—AKASHI NO SETO.

Hira iso—Exhibition of beacon light, and withdrawal of buoy.

WITH reference to Notice to Mariners, No. 6, dated 9th January 1893, issued by this Office, the British Admiralty has given further notice (No. 615 of 1893) that on 11th November 1893, a light would be exhibited from the beacon recently erected on Hira iso; and that on the same date the temporary red light and flag exhibited on the rock would be discontinued, and the buoy, previously moored to the southward, withdrawn:—

Hira iso beacon light is a fixed red light, elevated 39 feet above the sea, and visible in clear weather from a distance of 3 miles. It is shown from a concrete beacon, cylindrical in

shape, painted black, surmounted by a small lantern, and situated in a depth of 5 feet at low water with Yesaki light-house, bearing about W. $\frac{3}{4}$ S. (S. 81° W.), distant $3\frac{7}{10}$ miles.

Approximate position, lat. $34^{\circ} 37' 45''$ N., long. $135^{\circ} 3' 45''$ E.

NOTE.—As this light is not constantly watched, it cannot be implicitly depended upon.

(Variation, 5° Westerly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 7.

[First Publication.]

KOREA, EAST COAST—KORNILOF GULF.

Rocks north-eastward of Avvakum island.

THE following Notice to Mariners, issued by the British Admiralty (No. 628 of 1893), is republished for general information:—

Information has been received from H.M.S. *Imperieuse*, dated 11th October 1893, of the existence of a cluster of rocks north-eastward of Avvakum island:—

These rocks, the largest 10 feet high, are surrounded by foul ground to the distance of about a quarter of a cable, with depths of 6 fathoms beyond, and lie with Avvakum north point, bearing N.W. by W. (N. 56° W.), distant $10\frac{1}{2}$ cables; and Rodionof Point N.E. by E. $\frac{3}{4}$ E. (N. 63° E.).

Approximate position on plan No. 1271, lat. $42^{\circ} 9' 10''$ N., long. $130^{\circ} 19' 55''$ E.

(Variation, 6° Westerly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 299.

[Second Publication.]

BAY OF BENGAL.

COROMANDEL COAST.

The date of exhibition of the new light at Madras.

WITH reference to Notice to Mariners No. 151, dated the 19th June 1893, issued by this office, the Presidency Port Officer, Madras, has given notice that the new light at Madras will be exhibited on or after the 1st June 1894.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th December 1893.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 294.

[Third Publication.]

CHINA, EAST COAST—GULF OF PE CHILI.

Bank reported eastward of Shah Lui Tien.

THE British Admiralty has given notice (No. 592 of 1893) that the Master of the Chinese steamer *Peiping* reports the existence of a bank, about 3 miles long in an E.N.E. and W.S.W. direction and about $1\frac{1}{4}$ miles broad, on which he has repeatedly obtained soundings of 7 to 9 fathoms at low water, hard mud bottom, situated with Sha lui tien, bearing west, distant about 14 miles.

Approximate position, centre of bank, latitude $38^{\circ} 57' N.$, longitude $118^{\circ} 51' E.$

(Variation, 3° Westerly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd December 1893.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 295.

[Third Publication.]

BAY OF BENGAL—COROMANDEL COAST.

(Shoals eastward of Kottapattam.)

THE British Admiralty has given notice (No. 595 of 1893) of the following information relating to the existence of shoals eastward of Kottapattam, received from Commander C. F. Oldham, R.N., in charge of the Marine Survey of British India:—

1. A shoal, about $2\frac{1}{4}$ miles long, N.N.E. and S.S.W., and one mile wide, with a least depth of $1\frac{1}{2}$ fathoms on it, lies N.E. by E. (N. 56° E.), distant 4 miles from Kottapattam obelisk and 2 miles off shore. Patches, with depths of 3 to 5 fathoms on them, extend from this shoal to the shoalest part of Mutapolli bank.

Approximate position, $1\frac{1}{2}$ fathoms, lat. $15^{\circ} 27\frac{1}{2}'$ N., long. $80^{\circ} 13\frac{3}{4}'$ E.

2. A shoal, a quarter of a mile in extent, with a depth of 5 fathoms on it, lies $13\frac{1}{2}$ miles from the coast, or in lat. $15^{\circ} 29\frac{3}{4}'$ N., long. $80^{\circ} 26\frac{3}{4}'$ E.

(Variation, 2° Easterly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 22nd December 1893.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 296.

[Third Publication.]

AUSTRALIA—BURNETT RIVER.

Alteration in leading marks and depth of water.

THE Portmaster, Brisbane, has given notice (No. 29 of 1893) that the leading mark for No. 1 Cutting, Burnett river, have been altered, and the lead, which is now 60 feet to the eastward, and parallel to the old lead, shows the centre of the new 120 feet Cutting. Least depth of water on this lead 7 feet at low-water springs.

The least depth of water between Rubyanna and the Bundaberg wharves is now 6 feet at low-water springs.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 22nd December 1893.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 297.

[Third Publication.]

AUSTRALIA—WIDE BAY BAR.

Beacons—North channel.

THE Portmaster, Brisbane, has given notice (No. 30 of 1893) that Masters of Vessels using the North Channel over Wide Bay Bar must keep the beacons open twice their own width to the northward.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 22nd December 1893.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 298.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Placing of a light-vessel off the Barragua flats deferred.

WITH reference to notice to Mariners, No. 237, dated the 23rd October 1893, issued by this office, the Port Officer, Rangoon, has given further notice, that the placing of a light-vessel off the Barragua flats, gulf of Martaban, has been deferred for 18 months.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 22nd December 1893.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JANUARY 17, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 8.

[First Publication.]

AUSTRALIA—EAST COAST, INNER ROUTE.

Shoal north-eastward of cape Grenville.

THE British Admiralty has given notice (No. 636 of 1893) of the existence of a shoal (Paluma shoal), a quarter of a mile in extent and with a least depth of 17 feet on it at low water, lying near the fairway with the summit of the eastern Home island bearing S. by W. $\frac{1}{4}$ W. (S. 14° W.), distant 3 miles; and Sunday island W. by S. (S. 79° W.).

Approximate position, lat. $11^{\circ} 55' 20''$ S., long. $143^{\circ} 16' 20''$ E.

(Variation 5° Easterly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 13th January 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 9.

[First Publication.]

JAPAN—STRAIT OF TSUGAR.

Light on cape Siwokubi (Blunt).

THE British Admiralty has given notice (No. 640 of 1893) that on 20th November 1893, a light exhibited from a light-house recently erected on cape Siwokubi (Blunt), northern side of strait of Tsugar.

Siwokubi light is a third order *fixed white* light, elevated 150 feet above the sea, and visible, from N. 76° W., through north and east, to S. 76° E., a distance of 17 miles in clear weather.

The light-house, cylindrical in shape, is constructed of iron, painted white, and about 25 feet high.

Approximate position, lat. $41^{\circ} 43'$ N., long. $140^{\circ} 58'$ E.

(Variation, 6° Westerly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 13th January 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 10.

[First Publication.]

AUSTRALIA—SOUTH COAST—PORT PHILIP.

Geelong approach—Depth in New Ship channel and intended alterations in lights and buoys.

THE British Admiralty has given notice (No. 641 of 1893) that the New Ship channel, entrance to Geelong inner harbour, has been completed throughout its entire length of 2 miles to a depth of 22 feet at low water for a width of 110 feet; and that consequently, on 20th December 1893, the following alterations will be made in the lights and buoys in the vicinity and approach:—

1. *New Ship Channel lights.*—The north side of New Ship channel will be marked by four *fixed white* lights, each elevated 26 feet above the sea, visible 6 miles, and exhibited from a pile structure situated about 20 feet northward of the northern side of the channel; the structures being at equal distances of 4040 feet apart.

Approximate position, Eastern light, lat. $38^{\circ} 7' 15''$ S., long. $144^{\circ} 26' 35''$ E.

Approximate position, Western light, lat. $38^{\circ} 7' 30''$ S., long. $144^{\circ} 24' 10''$ E.

The south side of the channel will be marked by three *fixed red* lights, each elevated 26 feet above the sea, visible 6 miles, and exhibited from a pile structure situated about 20 feet southward of the south side of the channel; the structures being so placed as to alternate with those on the north side of the channel.

2. *Buoys in approach.*—The buoys marking Prince George bank, point Richards, and Wilson spit will each be replaced by a gas buoy showing an *occulting* light (*six to eight flashes and eclipses every minute*), visible 6 miles in clear weather.

Prince George Bank buoy will show a *white* light; point Richards buoy a *red* light; and Wilson spit buoy a *white* light.

Approximate position, Prince George bank buoy, lat. $38^{\circ} 7' 35''$ S., long. $144^{\circ} 44' 30''$ E.

Approximate position, point Richards buoy, lat. $38^{\circ} 6' 0''$ S., long., $144^{\circ} 37' 40''$ E.

Approximate position, Wilson spit buoy, lat. $38^{\circ} 8' 45''$ S., long. $144^{\circ} 29' 50''$ E.

3. *Discontinuance of lights in north and south channels and at Portarlington.*—After the above lights have been exhibited, the light-vessel, hitherto moored near Bird rock and showing a *fixed white* light, will be withdrawn; and all the lights shown from beacons in Geelong North and South channels, and the *red* beacon light at Portarlington, will be discontinued.

Approximate position, Geelong light-vessel, lat. $38^{\circ} 5' 50''$ S., long. $144^{\circ} 26'$ E.

Approximate position, Portarlington red light, lat. $38^{\circ} 7'$ S., long. $144^{\circ} 39' 5''$ E.

NOTE.—The speed of steam-vessels navigating the New Ship channel, or the Geelong South channel, is to be reduced so as not to exceed 5 miles per hour; and no sailing vessel is to enter the New Ship channel whilst any other vessel is proceeding through that channel in an opposite direction.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 11.

[First Publication.]

NEW ZEALAND—SOUTH ISLAND, SOUTH-WEST COAST.

Dusky sound—Rock south-west of Indian island.

THE British Admiralty has given notice (No. 642 of 1893) that the Commander of the Government steamer *Hinemoa* has recently examined the reef reported by the Master of the steamer *Tarawera*, and finds that it consists of a ledge of rocks, extending half a cable from the south and south-west sides of the western small island westward of Indian island, Dusky sound.

A depth of 3 fathoms was found at a distance of a quarter of a cable, and of 5 fathoms at half a cable, from the small island.

Approximate position, small island centre, lat. $45^{\circ} 47' 10''$ S., long. $166^{\circ} 34' 50''$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 12.

[First Publication.]

NEW ZEALAND—COOK STRAIT.

Amended position of rock between Stephen's island and Saddle rocks.

THE British Admiralty has given notice (No. 643 of 1893) that the position of the breakers reported by H. M. S. *Sappho* in 1877, between Stephen's island and Saddle rocks, has recently been examined by the Commander of the Government steamer *Hinemoa*, with the result that the rock is found to lie with the south-west extreme of Stephen's island, bearing N. E. $\frac{3}{8}$ N. (N. 41° E.), distant half a mile; and northern Saddle rock, W. by S. $\frac{3}{4}$ S. (S. 70° W.).

Approximate position, lat. $40^{\circ} 41' 20''$ S., long. $173^{\circ} 59' 50''$ E.

(Variation, 15° Easterly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 13th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 13.

[First Publication.]

NEW ZEALAND—HAURAKI GULF.

Auckland harbour approach—Sunken rock southward of David rocks.

THE British Admiralty has given notice (No. 645 of 1893) of the existence of a rock (on which the brigantine *Zeno* struck), with a least depth of 19 feet on it at low water, lying with Rakino island summit, bearing S. W. by W. $\frac{3}{8}$ W. (S. 63° W.), distant $2\frac{1}{10}$ miles; and northern David rock N. $\frac{1}{2}$ W. (N. 5° W.).

Approximate position on Chart No. 2543, lat. $36^{\circ} 43' 30''$ S., long. $175^{\circ} 0' 45''$ E.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 13th January 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 1.

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Depth of water found in the river channels.

THE Port Officer, Chittagong, has given notice, that the following depth of water was found in the river channels by soundings taken on the 20th December and reduced to zero :—

No. 1 Track	...	...	...	9 feet 6 inches.
" 2 "	...	...	...	10 "
" 3 "	...	...	...	15 "
" 4 "	...	...	...	20 "
" 5 "	...	...	...	16 " 6 inches.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 2nd January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 2.

[Second Publication.]

EASTERN ARCHIPELAGO, JAVA—NORTH COAST.

Wreck, N. by E. of Tegal.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval Forces in Neth. India, No. 36, dated Batavia the 7th December 1893, is republished:—

Information has been received from the Master of the Dutch steamer *Soerabaja* that it is supposed that the English bark *Glan Grant* lies sunk on the following bearings:—

Peak of <i>Cheribon</i> (<i>Tjeremai</i>)	...	...	...	W. by S. $\frac{3}{4}$ S.
Peak of <i>Tegal</i> (<i>Salamat</i>)	...	...	...	S. $\frac{1}{4}$ E.
Mount <i>Olifant</i>	...	...	...	S. by E. $\frac{1}{2}$ E.

The bark was anchored there in 18 fathoms water, and when the *Soerabaja* was in the vicinity it was still driving, but already sunk till the deck.

Bearings, true.

This notice affects the charts: *Nederlandsch Oost-Indië*, blad II, 1867; *Java Zee en aangrenzende vaarwaters*, blad I, 1892; *Java*, blad II, 1892, and *Noordkust Java*, blad III, 1887.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 4th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 3.

[Second Publication.]

AUSTRALIA—FITZROY RIVER, SECOND FLATS.

Alteration in Lead.

THE Portmaster, Brisbane, has given notice (No. 31 of 1893) that the front light of the Second Flats Lead, Fitzroy river, has been shifted, so that the lights in line will now lead clear of the wreck of the *Woonona*.

The lights which formerly led close by the stern of the wreck (*vide* Notice to Mariners, No. 27 of 1893) now clear it by about 150 feet.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 8th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 4.

[Second Publication.]

AUSTRALIA—BURNETT RIVER.

Alteration of bar leading beacons, and directions for entering.

THE Portmaster, Brisbane, has given notice (No. 32 of 1893) that the Leading Beacons, Burnett river bar, have been moved from the south to the north side of the river, and now lead over the bar on a W. $\frac{1}{2}$ N. (mag.) bearing, carrying 5 feet at low-water springs.

To enter, this lead must be followed until two small white triangular beacons (red and white lights by night) on the south shore come in line bearing S. W. by W. $\frac{1}{2}$ W., and this latter lead must be followed until the lighthouse comes in line with the stage beacon bearing W., then proceed as formerly.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 8th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 5.

[Second Publication.]

AUSTRALIA—PORT CURTIS.

Foundering of a lightboat.

THE Portmaster, Brisbane, has given notice (No. 33 of 1893) that the lightboat which marked the spit off Gatcombe Head, Port Curtis, has foundered. She will be replaced as soon as possible.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 8th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT

NOTICE TO MARINERS—No. 6.

[Second Publication.]

JAPAN—SETO UCHI—AKASHI NO SETO.

Hira iso—Exhibition of beacon light, and withdrawal of buoy.

WITH reference to Notice to Mariners, No. 6, dated 9th January 1893, issued by this Office, the British Admiralty has given further notice (No. 615 of 1893) that on 11th November 1893, a light would be exhibited from the beacon recently erected on Hira iso; and that on the same date the temporary red light and flag exhibited on the rock would be discontinued, and the buoy, previously moored to the southward, withdrawn:—

Hira iso beacon light is a *fixed red* light, elevated 39 feet above the sea, and visible in clear weather from a distance of 3 miles. It is shown from a concrete beacon, cylindrical in shape, painted black, surmounted by a small lantern, and situated in a depth of 5 feet at low water with Yesaki light-house, bearing about W. $\frac{3}{4}$ S. (S. 81° W.), distant $3\frac{7}{10}$ miles.

Approximate position, lat. $34^{\circ} 37' 45''$ N., long. $135^{\circ} 3' 45''$ E.

NOTE.—As this light is not constantly watched, it cannot be implicitly depended upon.

(Variation, 5° Westerly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 8th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 7.

[Second Publication.]

KOREA, EAST COAST—KORNILOF GULF.

Rocks north-eastward of Avvakum island.

THE following Notice to Mariners, issued by the British Admiralty (No. 628 of 1893), is republished for general information:—

Information has been received from H.M.S. *Imperieuse*, dated 11th October 1893, of the existence of a cluster of rocks north-eastward of Avvakum island:—

These rocks, the largest 10 feet high, are surrounded by foul ground to the distance of about a quarter of a cable, with depths of 6 fathoms beyond, and lie with Avvakum north point, bearing N.W. by W. (N. 56° W.), distant $10\frac{1}{2}$ cables; and Rodionof Point N.E. by E. $\frac{1}{2}$ E. (N. 63° E.).

Approximate position on plan No. 1271, lat. $42^{\circ} 9' 10''$ N., long. $130^{\circ} 19' 55''$ E.

(Variation, 6° Westerly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 8th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 299.

[Third Publication.]

BAY OF BENGAL.

COROMANDEL COAST.

The date of exhibition of the new light at Madras.

WITH reference to Notice to Mariners No. 151, dated the 19th June 1893, issued by this office, the Presidency Port Officer, Madras, has given notice that the new light at Madras will be exhibited on or after the 1st June 1894.

B. P. CREAGH, *Comdr., R.I.M.,*

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 30th December 1893.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JANUARY 24, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 8.

[Second Publication.]

AUSTRALIA—EAST COAST, INNER ROUTE.

Shoal north-eastward of cape Grenville.

THE British Admiralty has given notice (No. 636 of 1893) of the existence of a shoal (Paluma shoal), a quarter of a mile in extent and with a least depth of 17 feet on it at low water, lying near the fairway with the summit of the eastern Home island bearing S. by W. $\frac{1}{4}$ W. (S. 14° W.), distant 3 miles; and Sunday island W. by S. (S. 79° W.). Approximate position, lat. $11^{\circ} 55' 20''$ S., long. $143^{\circ} 16' 20''$ E.

(Variation 5° Easterly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 13th January 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 9.

[Second Publication.]

JAPAN—STRAIT OF TSUGAR.

Light on cape Siwokubi (Blunt).

THE British Admiralty has given notice (No. 640 of 1893) that on 20th November 1893, a light exhibited from a light-house recently erected on cape Siwokubi (Blunt), northern side of strait of Tsugar.

Siwokubi light is a third order fixed white light, elevated 150 feet above the sea, and visible, from N. 76° W., through north and east, to S. 76° E., a distance of 17 miles in clear weather.

The light-house, cylindrical in shape, is constructed of iron, painted white, and about 25 feet high.

Approximate position, lat. $41^{\circ} 43' N.$, long. $140^{\circ} 58' E.$

(Variation, 6° Westerly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 13th January 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 10.

[Second Publication.]

AUSTRALIA—SOUTH COAST—PORT PHILIP.

Geelong approach—Depth in New Ship channel and intended alterations in lights and buoys.

THE British Admiralty has given notice (No. 641 of 1893) that the New Ship channel, entrance to Geelong inner harbour, has been completed throughout its entire length of 2 miles to a depth of 22 feet at low water for a width of 110 feet; and that consequently, on 20th December 1893, the following alterations will be made in the lights and buoys in the vicinity and approach:—

1. *New Ship Channel lights.*—The north side of New Ship channel will be marked by four *fixed white* lights, each elevated 26 feet above the sea, visible 6 miles, and exhibited from a pile structure situated about 20 feet northward of the northern side of the channel; the structures being at equal distances of 4040 feet apart.

Approximate position, Eastern light, lat. $38^{\circ} 7' 15''$ S., long. $144^{\circ} 26' 35''$ E.

Approximate position, Western light, lat. $38^{\circ} 7' 30''$ S., long. $144^{\circ} 24' 10''$ E.

The south side of the channel will be marked by three *fixed red* lights, each elevated 26 feet above the sea, visible 6 miles, and exhibited from a pile structure situated about 20 feet southward of the south side of the channel; the structures being so placed as to alternate with those on the north side of the channel.

2. *Buoys in approach.*—The buoys marking Prince George bank, point Richards, and Wilson spit will each be replaced by a gas buoy showing an *occulting* light (*six to eight flashes and eclipses every minute*), visible 6 miles in clear weather.

Prince George Bank buoy will show a *white* light; point Richards buoy a *red* light; and Wilson spit buoy a *white* light.

Approximate position, Prince George bank buoy, lat. $38^{\circ} 7' 35''$ S., long. $144^{\circ} 44' 30''$ E.

Approximate position, point Richards buoy, lat. $38^{\circ} 6' 0''$ S., long., $144^{\circ} 37' 40''$ E.

Approximate position, Wilson spit buoy, lat. $38^{\circ} 8' 45''$ S., long. $144^{\circ} 29' 50''$ E.

3. *Discontinuance of lights in north and south channels and at Portarlinton.*—After the above lights have been exhibited, the light-vessel, hitherto moored near Bird rock and showing a *fixed white* light, will be withdrawn; and all the lights shown from beacons in Geelong North and South channels, and the *red* beacon light at Portarlinton, will be discontinued.

Approximate position, Geelong light-vessel, lat. $38^{\circ} 5' 50''$ S., long. $144^{\circ} 26'$ E.

Approximate position, Portarlinton red light, lat. $38^{\circ} 7'$ S., long. $144^{\circ} 39' 5''$ E.

NOTE.—The speed of steam-vessels navigating the New Ship channel, or the Geelong South channel, is to be reduced so as not to exceed 5 miles per hour; and no sailing vessel is to enter the New Ship channel whilst any other vessel is proceeding through that channel in an opposite direction.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 13th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 11.

[Second Publication.]

NEW ZEALAND—SOUTH ISLAND, SOUTH-WEST COAST.

Dusky sound—Rock south-west of Indian island.

THE British Admiralty has given notice (No. 642 of 1893) that the Commander of the Government steamer *Hinemoa* has recently examined the reef reported by the Master of the steamer *Taracera*, and finds that it consists of a ledge of rocks, extending half a cable from the south and south-west sides of the western small island westward of Indian island, Dusky sound.

A depth of 3 fathoms was found at a distance of a quarter of a cable, and of 5 fathoms at half a cable, from the small island.

Approximate position, small island centre, lat. $45^{\circ} 47' 10''$ S., long. $166^{\circ} 34' 50''$ E.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 13th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 12.

[Second Publication.]

NEW ZEALAND—COOK STRAIT.

Amended position of rock between Stephen's island and Saddle rocks.

THE British Admiralty has given notice (No. 643 of 1893) that the position of the breakers reported by H. M. S. *Sappho* in 1877, between Stephen's island and Saddle rocks, has recently been examined by the Commander of the Government steamer *Hinemoa*, with the result that the rock is found to lie with the south-west extreme of Stephen's island, bearing N. E. $\frac{3}{8}$ N. (N. 41° E.), distant half a mile; and northern Saddle rock, W. by S. $\frac{3}{4}$ S. (S. 70° W.).

Approximate position, lat. $40^{\circ} 41' 20''$ S., long. $173^{\circ} 59' 50''$ E.

(Variation, 15° Easterly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.
CALCUTTA, the 13th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 13.

[Second Publication.]

NEW ZEALAND—HAURAKI GULF.

Auckland harbour approach—Sunken rock southward of David rocks.

THE British Admiralty has given notice (No. 645 of 1893) of the existence of a rock (on which the brigantine *Zeno* struck), with a least depth of 19 feet on it at low water, lying with Rakino island summit, bearing S. W. by W. $\frac{3}{8}$ W. (S. 63° W.), distant $2\frac{1}{10}$ miles; and northern David rock N. $\frac{1}{2}$ W. (N. 5° W.).

Approximate position on Chart No. 2543, lat. $36^{\circ} 43' 30''$ S., long. $175^{\circ} 0' 45''$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.
CALCUTTA, the 13th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 1.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Depth of water found in the river channels.

THE Port Officer, Chittagong, has given notice, that the following depth of water was found in the river channels by soundings taken on the 20th December and reduced to zero:—

No. 1 Track	...	...	...	9 feet 6 inches.
" 2 "	...	...	...	10 "
" 3 "	...	...	...	15 "
" 4 "	...	...	...	20 "
" 5 "	...	...	...	16 " 6 inches.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.
CALCUTTA, the 2nd January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 2.

[Third Publication.]

EASTERN ARCHIPELAGO, JAVA—NORTH COAST.

Wreck, N. by E. of Tegal.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval Forces in Neth. India, No. 36 dated Batavia the 7th December 1893, is republished:—

Information has been received from the Master of the Dutch steamer *Soerabaja* that it is supposed that the English bark *Clan Grant* lies sunk on the following bearings:—

Peak of <i>Cheribon</i> (<i>Tjeremai</i>)	...	...	...	W. by S. $\frac{3}{4}$ S.
Peak of <i>Tegal</i> (<i>Salamat</i>)	...	...	...	S. $\frac{1}{4}$ E.
Mount <i>Olifant</i>	...	...	...	S. by E. $\frac{1}{2}$ E.

The bark was anchored there in 18 fathoms water, and when the *Soerabaja* was in the vicinity it was still driving, but already sunk till the deck.

Bearings true.

This notice affects the charts: *Nederlandsch Oost-Indië*, blad II, 1867; *Java Zee en aangrenzende vaarwaters*, blad I, 1892; *Java*, blad II, 1892, and *Noordkust Java*, blad III, 1887.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 4th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 3.

[Third Publication.]

AUSTRALIA—FITZROY RIVER, SECOND FLATS.

Alteration in Lead.

THE Portmaster, Brisbane, has given notice (No. 31 of 1893) that the front light of the Second Flats Lead, Fitzroy river, has been shifted, so that the lights in line will now lead clear of the wreck of the *Woonona*.

The lights which formerly led close by the stern of the wreck (*vide* Notice to Mariners, No. 27 of 1893) now clear it by about 150 feet.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 8th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 4.

[Third Publication.]

AUSTRALIA—BURNETT RIVER.

Alteration of bar leading beacons, and directions for entering.

THE Portmaster, Brisbane, has given notice (No. 32 of 1893) that the Leading Beacons, Burnett river bar, have been moved from the south to the north side of the river, and now lead over the bar on a W. $\frac{1}{2}$ N. (mag.) bearing, carrying 5 feet at low-water springs.

To enter, this lead must be followed until two small white triangular beacons (red and white lights by night) on the south shore come in line bearing S. W. by W. $\frac{1}{4}$ W., and this latter lead must be followed until the lighthouse comes in line with the stage beacon bearing W., then proceed as formerly.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 8th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 5.

[Third Publication.]

AUSTRALIA—PORT CURTIS.

Foundering of a lightboat.

THE Portmaster, Brisbane, has given notice (No. 33 of 1893) that the lightboat which marked the spit off Gatcombe Head, Port Curtis, has foundered. She will be replaced as soon as possible.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 8th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT

NOTICE TO MARINERS—No. 6.

[Third Publication.]

JAPAN—SETO UCHI—AKASHI NO SETO.

Hira iso—Exhibition of beacon light, and withdrawal of buoy.

WITH reference to Notice to Mariners, No. 6, dated 9th January 1893, issued by this Office, the British Admiralty has given further notice (No. 615 of 1893) that on 11th November 1893, a light would be exhibited from the beacon recently erected on Hira iso; and that on the same date the temporary red light and flag exhibited on the rock would be discontinued, and the buoy, previously moored to the southward, withdrawn:—

Hira iso beacon light is a *fixed red* light, elevated 39 feet above the sea, and visible in clear weather from a distance of 3 miles. It is shown from a concrete beacon, cylindrical in shape, painted black, surmounted by a small lantern, and situated in a depth of 5 feet at low water with Yesaki light-house, bearing about W. $\frac{3}{4}$ S. (S. 81° W.), distant $3\frac{7}{10}$ miles.

Approximate position, lat. $34^{\circ} 37' 45''$ N., long. $135^{\circ} 3' 45''$ E.

NOTE.—As this light is not constantly watched, it cannot be implicitly depended upon.

(Variation, 5° Westerly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 8th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 7.

[Third Publication.]

KOREA, EAST COAST—KORNILOF GULF.

Rocks north-eastward of Avvakum island.

THE following Notice to Mariners, issued by the British Admiralty (No. 628 of 1893), is republished for general information:—

Information has been received from H.M.S. *Imperieuse*, dated 11th October 1893, of the existence of a cluster of rocks north-eastward of Avvakum island:—

These rocks, the largest 10 feet high, are surrounded by foul ground to the distance of about a quarter of a cable, with depths of 6 fathoms beyond, and lie with Avvakum north point, bearing N.W. by W. (N. 56° W.), distant $10\frac{1}{2}$ cables; and Rodionof Point N.E. by E. $\frac{3}{4}$ E. (N. 63° E.).

Approximate position on plan No. 1271, lat. $42^{\circ} 9' 10''$ N., long. $130^{\circ} 19' 55''$ E.

(Variation, 6° Westerly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 8th January 1894.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JANUARY 31, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 14.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Outer Spit buoy replaced in position.

With reference to Notice to Mariners, No. 291, dated 16th December, issued by this office, the Port Officer, False Point, has given further notice, that the Outer Spit buoy has been replaced in position; and fifth class Conical buoy removed.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 15.

[First Publication.]

AUSTRALIA, SOUTH.

A large Conical buoy adrift.

THE Commander of the S.S. *Bancoora* from Melbourne reports having passed a large black Conical buoy with staff and cage in lat. 37° 21' S., long. 132° 06' E., apparently drifting to the eastward.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 16.

[First Publication.]

NEW ZEALAND—STEPHEN'S ISLAND.

Exhibition of a group flashing white light on Stephen's island, western entrance to Cook strait.

THE following Notice to Mariners, No. 39 of 1893, issued by the Government of New Zealand, is republished for general information, in continuation of No. 222, dated 3rd October last, issued by this office:—

With reference to preliminary notice No. 35 of 1893, issued by this Department on the 18th August last, it is hereby notified that on and after Monday, the 29th day of January

1894, a light will be exhibited from the light-house which has been erected on Stephen's island, the position and characteristics of which are as follows:—

The light-house is situated at the northern end of Stephen's island, western entrance to Cook strait, New Zealand.

The tower is 50ft. in height from base to top of the lantern, is built of iron, and painted white.

The light will be a *first-order group flashing white light*, showing two distinct flashes in quick succession every half minute, and will show over an arc of 293° all round seaward as far as the land will allow.

The light is elevated about 600ft. above the sea, and, allowing 15ft. for the height of the eye, it will be visible at a distance of about thirty-two nautic miles in clear weather, and at lesser distances according to the state of the atmosphere.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 17.

[First Publication.]

CHINA, SOUTH-EAST COAST—HONG-KONG APPROACH.

Gap rock—Permanent light re-exhibited.

WITH reference to Notice to Mariners No. 290, dated the 16th December, issued by this office, the British Admiralty has given further notice (No. 652 of 1893) that the permanent light has been re-exhibited from Gap rock light-house, but owing to the damage to the lens the intervals are still irregular.

Gap rock light is a *flashing white light every thirty seconds*, the duration of the flash being about five seconds.

Approximate position, lat. $21^{\circ} 48' 50''$ N., long. $113^{\circ} 56' 20''$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 18.

[First Publication.]

CHINA, NORTH-EAST COAST.

Fog signal at north-east Shantung promontory light-house.

WITH reference to Notice to Mariners No. 116, dated 4th July 1892, issued by this office, the British Admiralty has given further notice (No. 660 of 1893) that a fog signal has been established at north-east Shantung promontory light-house.

North-east Shantung promontory light-house fog signal consists of a siren which during thick or foggy weather will give *two blasts (high, low)* in quick succession every *two minutes*; each blast being of about *two and a half seconds* duration.

If the siren is disabled, and a vessel's signals are heard, *two guns* will be fired with an interval of *one minute* between them, and this will be repeated after *ten minutes* should the vessel's signals continue to be heard.

Approximate position, lat. $37^{\circ} 24'$ N., long. $122^{\circ} 42'$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th January 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 19.

[First Publication.]

COCHIN CHINA—SAIGON OR DONNAI RIVER.

Fuok binh Kiang—Closing of west channel at Coral banks during dredging operations.

THE British Admiralty has given notice (No. 668 of 1893) that on 1st November 1893 dredging operations were about to be commenced in the channel westward of the Coral banks in the Fuok binh Kiang, approach to Saigon, and consequently that channel would be closed to navigation:—

Vessels should take the channel eastward of the banks, with the white beacons, surmounted by rectangular topmarks, in line.

A rock, with a depth of 18 feet on it at low water, and marked by a boat carrying a red flag by day, and showing a red light at night, lies one-third of a cable westward of these beacons in line.

The Coral banks have been dredged to a general depth of 23½ feet.
Approximate position, Coral banks, lat. 10° 37' N., long. 106° 51½' E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 27th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 20.

[First Publication.]

AFRICA, NORTH-EAST COAST—GULF OF ADEN.

Intended replacement of permanent light-ship.

WITH reference to Notice to Mariners No. 256, dated 31st October last, issued by this office, the Bombay Government has given notice (No. 8 of 1894) that on or about the 15th February 1894, the temporary light-vessel moored off Ras Morbut, Aden harbour, will be replaced by the permanent light-ship.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 29th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 8.

[Third Publication.]

AUSTRALIA—EAST COAST, INNER ROUTE.

Shoal north-eastward of cape Grenville.

THE British Admiralty has given notice (No. 636 of 1893) of the existence of a shoal (Paluma shoal), a quarter of a mile in extent and with a least depth of 17 feet on it at low water, lying near the fairway with the summit of the eastern Home island bearing S. by W. ¼ W. (S. 14° W.), distant 3 miles; and Sunday island W. by S. (S. 79° W.).
Approximate position, lat. 11° 55' 20" S., long. 143° 16' 20" E.
(Variation 5° Easterly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 13th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 9.

[Third Publication.]

JAPAN—STRAIT OF TSUGAR.

Light on cape Siwokubi (Blunt).

THE British Admiralty has given notice (No. 640 of 1893) that on 20th November 1893, a light exhibited from a light-house recently erected on cape Siwokubi (Blunt), northern side of strait of Tsugar.

Siwokubi light is a third order fixed white light, elevated 150 feet above the sea, and visible, from N. 76° W., through north and east, to S. 76° E., a distance of 17 miles in clear weather.

The light-house, cylindrical in shape, is constructed of iron, painted white, and about 25 feet high.

Approximate position, lat. 41° 43' N., long. 140° 58' E.
(Variation, 6° Westerly in 1893.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 13th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 10.

[Third Publication.]

AUSTRALIA—SOUTH COAST—PORT PHILIP.

Geelong approach—Depth in New Ship channel and intended alterations in lights and buoys.

THE British Admiralty has given notice (No. 641 of 1893) that the New Ship channel, entrance to Geelong inner harbour, has been completed throughout its entire length of 2 miles to a depth of 22 feet at low water for a width of 110 feet; and that consequently, on 20th December 1893, the following alterations will be made in the lights and buoys in the vicinity and approach:—

1. *New Ship Channel lights.*—The north side of New Ship channel will be marked by four *fixed white* lights, each elevated 26 feet above the sea, visible 6 miles, and exhibited from a pile structure situated about 20 feet northward of the northern side of the channel; the structures being at equal distances of 4040 feet apart.

Approximate position, Eastern light, lat. $38^{\circ} 7' 15''$ S., long. $144^{\circ} 26' 35''$ E.

Approximate position, Western light, lat. $38^{\circ} 7' 30''$ S., long. $144^{\circ} 24' 10''$ E.

The south side of the channel will be marked by three *fixed red* lights, each elevated 26 feet above the sea, visible 6 miles, and exhibited from a pile structure situated about 20 feet southward of the south side of the channel; the structures being so placed as to alternate with those on the north side of the channel.

2. *Buoys in approach.*—The buoys marking Prince George bank, point Richards, and Wilson spit will each be replaced by a gas buoy showing an *occulting* light (*six to eight flashes and eclipses every minute*), visible 6 miles in clear weather.

Prince George Bank buoy will show a *white* light; point Richards buoy a *red* light; and Wilson spit buoy a *white* light.

Approximate position, Prince George bank buoy, lat. $38^{\circ} 7' 35''$ S., long. $144^{\circ} 44' 30''$ E.

Approximate position, point Richards buoy, lat. $38^{\circ} 6' 0''$ S., long., $144^{\circ} 37' 40''$ E.

Approximate position, Wilson spit buoy, lat. $38^{\circ} 8' 45''$ S., long. $144^{\circ} 29' 50''$ E.

3. *Discontinuance of lights in north and south channels and at Portarlington.*—After the above lights have been exhibited, the light-vessel, hitherto moored near Bird rock and showing a *fixed white* light, will be withdrawn; and all the lights shown from beacons in Geelong North and South channels, and the *red* beacon light at Portarlington, will be discontinued.

Approximate position, Geelong light-vessel, lat. $38^{\circ} 5' 50''$ S., long. $144^{\circ} 26'$ E.

Approximate position, Portarlington red light, lat. $38^{\circ} 7'$ S., long. $144^{\circ} 39' 5''$ E.

NOTE.—The speed of steam-vessels navigating the New Ship channel, or the Geelong South channel, is to be reduced so as not to exceed 5 miles per hour; and no sailing vessel is to enter the New Ship channel whilst any other vessel is proceeding through that channel in an opposite direction.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 13th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 11.

[Third Publication.]

NEW ZEALAND—SOUTH ISLAND, SOUTH-WEST COAST.

Dusky sound—Rock south-west of Indian island.

THE British Admiralty has given notice (No. 642 of 1893) that the Commander of the Government steamer *Hinemoa* has recently examined the reef reported by the Master of the steamer *Tarawera*, and finds that it consists of a ledge of rocks, extending half a cable from the south and south-west sides of the western small island westward of Indian island, Dusky sound.

A depth of 3 fathoms was found at a distance of a quarter of a cable, and of 5 fathoms at half a cable, from the small island.

Approximate position, small island centre, lat. $45^{\circ} 47' 10''$ S., long. $166^{\circ} 34' 50''$ E.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN

Under-Secretary, Marine Department.

CALCUTTA, the 13th January 1894.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, FEBRUARY 7, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 20.

[First Publication.]

JAPAN—KIUSIU, WEST COAST.

Amakusa island—Sunken rocks in Hachiman seto.

With reference to Notice to Mariners, No. 252, dated 28th October 1893, issued by this office, the British Admiralty has given further notice (No. 3 of 1894) that the position of the sunken rock Ozone has recently been examined by Lieutenant K. Kodama with the following result:—

Ozone has a least depth of $2\frac{1}{2}$ fathoms on it at low water; with 8 to 13 fathoms close around, and lies with Mato sima southern islet, bearing S. S. E. $\frac{1}{2}$ E. (S. 32° E., distant $5\frac{1}{2}$ cables; and Kamimate jima S. W. $\frac{3}{4}$ W. (S. 54° W).

Approximate position, lat. $32^{\circ} 17' N.$, long. $130^{\circ} 10' 30'' E.$

Also, that a sunken rock has been found on the western side of Hachiman seto, northward of Miyano kawachi bay:—

This rock, which extends in an east and west direction for nearly a quarter of a mile, has a depth of $1\frac{1}{2}$ fathoms at low water near its eastern end and 2 fathoms at its western end, with 15 to 20 fathoms around.

From its eastern extreme Katsura jima summit bears S. E. (S. 45° E.), distant $1\frac{7}{10}$ miles; and Sodzu saki N. E. $\frac{3}{4}$ N. (N. 37° E.)

Approximate position, lat. $32^{\circ} 18' 40'' N.$, long. $130^{\circ} 11' 5'' E.$

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.N.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 3rd February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 21.

[First Publication.]

SOUTH PACIFIC—FIJI ISLANDS.

Dangers near Viti Levu and Vanua Levu.

Notice to Mariners, No. 10 of 1894, issued by the British Admiralty, is republished.

The following information, dated 26th October 1893, relating to dangers near Viti Levu and Vanua Levu, has been received from H.M.S. *Rapid*:—

1. The Master of the steamer *Fiona* reports the existence of discoloured water, apparently a shoal, in Nandi waters, west coast of Viti Levu; lying with Curacoa rocks, bearing N.E. $\frac{1}{4}$ E. (N. 48° E.), distant $1\frac{9}{10}$ miles; or approximately in lat. $17^{\circ} 47\frac{1}{4}' S.$, long. $177^{\circ} 16\frac{1}{2}' E.$

Several patches of discoloured water were seen from the masthead of H.M.S. *Rapid* in this vicinity on 14th October 1893.

The two sand cays, bearing respectively from Curacoa rock, N.W. $\frac{3}{4}$ W. (N. 53° W.), $1\frac{1}{4}$ miles, and W. $\frac{1}{2}$ N. (N. 85° W.), 2 miles, are coral patches just awash.

2. Dongaloo reef, north coast of Viti Levu, extends nearly 5 miles further westward than shown on the chart; the western end of the reef lies with the eastern entrance to Ba river, bearing about S. by W. (S. 11° W.), or approximately in lat. $17^{\circ} 24\frac{1}{2}'$ S., long. $177^{\circ} 40'$ E.

There are a few mangrove bushes on the western end of the reef, and none on the eastern end.

3. A coral patch, with an estimated depth of 6 feet on it, lies south-westward of Vanua Levu, in a position with Solevu peak, bearing N.E. by E. (N. 56° E.), distant $10\frac{1}{4}$ miles; and Sesaleka peak N.N.W. $\frac{1}{4}$ W. (N. 25° W.); or approximately in lat. $17^{\circ} 4'$ S., long. $178^{\circ} 36'$ E.

(Variation, 10° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 3rd February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 22.

[First Publication.]

CHINA, EAST—YELLOW SEA.

Pe Chili strait—Annual discontinuance of Liau ti shan light.

WITH reference to Notice to Mariners No. 251, dated 28th October 1893, issued by this office, the British Admiralty has given further notice (No. 12 of 1894) that Liau ti shan (Lao t'ieh shan) light (double flashing white), northern shore of Pe Chili strait, will be discontinued annually from 16th December to 1st March.

Approximate position, lat. $38^{\circ} 43' 15''$ N., long. $121^{\circ} 8' 15''$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 3rd February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 23.

[First Publication.]

CHINA SEA, SINGAPORE STRAIT—SALAT SINKI.

Ajax shoal light-vessel not to be withdrawn for the present.

WITH reference to Notice to Mariners, No. 248, dated 28th October 1893, issued by this office, the British Admiralty has given further notice (No. 13 of 1893) that Ajax shoal light-vessel will be retained in position for the present; and should she be withdrawn later, will be replaced by a temporary light.

Approximate position, lat. $1^{\circ} 14'$ N., long. $103^{\circ} 40\frac{1}{2}'$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 3rd February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 14.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Outer Spit buoy replaced in position.

WITH reference to Notice to Mariners, No. 291, dated 16th December, issued by this office, the Port Officer, False Point, has given further notice, that the Outer Spit buoy has been replaced in position; and fifth class Conical buoy removed.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 24th January 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 15.

[Second Publication.]

AUSTRALIA, SOUTH.

A large Conical buoy adrift.

THE Commander of the S.S. *Bancoora* from Melbourne reports having passed a large black Conical buoy with staff and cage in lat. $37^{\circ} 21' S.$, long. $132^{\circ} 06' E.$, apparently drifting to the eastward.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 27th January 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 16.

[Second Publication.]

NEW ZEALAND—STEPHEN'S ISLAND.

Exhibition of a group flashing white light on Stephen's island, western entrance to Cook strait.

THE following Notice to Mariners, No. 39 of 1893, issued by the Government of New Zealand, is republished for general information, in continuation of No. 222, dated 3rd October last, issued by this office:—

With reference to preliminary notice No. 35 of 1893, issued by this Department on the 18th August last, it is hereby notified that on and after Monday, the 29th day of January 1894, a light will be exhibited from the light-house which has been erected on Stephen's island, the position and characteristics of which are as follows:—

The light-house is situated at the northern end of Stephen's island, western entrance to Cook strait, New Zealand.

The tower is 50ft. in height from base to top of the lantern, is built of iron, and painted white.

The light will be a *first-order group flashing white light*, showing two distinct flashes in quick succession every half minute, and will show over an arc of 293° all round seaward as far as the land will allow.

The light is elevated about 600ft. above the sea, and, allowing 15ft. for the height of the eye, it will be visible at a distance of about thirty-two nautic miles in clear weather, and at lesser distances according to the state of the atmosphere.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 27th January 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 17.

[Second Publication.]

CHINA, SOUTH-EAST COAST—HONG-KONG APPROACH.

Gap rock—Permanent light re-exhibited.

WITH reference to Notice to Mariners No. 290, dated the 16th December, issued by this office, the British Admiralty has given further notice (No. 652 of 1893) that the permanent light has been re-exhibited from Gap rock light-house, but owing to the damage to the lens the intervals are still irregular.

Gap rock light is a *flashing white light every thirty seconds*, the duration of the flash being about five seconds.

Approximate position, lat. $21^{\circ} 48' 50'' N.$, long. $113^{\circ} 56' 20'' E.$

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 27th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 18.

[Second Publication.]

CHINA, NORTH-EAST COAST.

Fog signal at north-east Shantung promontory light-house.

WITH reference to Notice to Mariners No. 116, dated 4th July 1892, issued by this office, the British Admiralty has given further notice (No. 660 of 1893) that a fog signal has been established at north-east Shantung promontory light-house.

North-east Shantung promontory light-house fog signal consists of a siren which during thick or foggy weather will give *two blasts (high, low)* in quick succession every *two minutes*; each blast being of about *two and a half seconds* duration.

If the siren is disabled, and a vessel's signals are heard, *two guns* will be fired with an interval of *one minute* between them, and this will be repeated after *ten minutes* should the vessel's signals continue to be heard.

Approximate position, lat. $37^{\circ} 24' N.$, long. $122^{\circ} 42' E.$

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 27th January 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 19.

[Second Publication.]

COCHIN CHINA—SAIGON OR DONNAI RIVER.

Fuok binh Kiang—Closing of west channel at Coral banks during dredging operations.

THE British Admiralty has given notice (No. 668 of 1893) that on 1st November 1893 dredging operations were about to be commenced in the channel westward of the Coral banks in the Fuok binh Kiang, approach to Saigon, and consequently that channel would be closed to navigation:—

Vessels should take the channel eastward of the banks, with the white beacons, surmounted by rectangular topmarks, in line.

A rock, with a depth of 18 feet on it at low water, and marked by a boat carrying a red flag by day, and showing a red light at night, lies one-third of a cable westward of these beacons in line.

The Coral banks have been dredged to a general depth of $23\frac{1}{2}$ feet.

Approximate position, Coral banks, lat. $10^{\circ} 37' N.$, long. $106^{\circ} 51\frac{1}{2}' E.$

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 27th January 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 20.

[Second Publication.]

AFRICA, NORTH-EAST COAST—GULF OF ADEN.

Intended replacement of permanent light-ship.

WITH reference to Notice to Mariners No. 256, dated 31st October last, issued by this office, the Bombay Government has given notice (No. 8 of 1894) that on or about the 15th February 1894, the temporary light-vessel moored off Ras Morbut, Aden harbour, will be replaced by the permanent light-ship.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 29th January 1894.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, FEBRUARY 21, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 26.

[First Publication.]

EASTERN ARCHIPELAGO—JAVA, NORTH COAST.

Breakers at Cheribon and Semarang.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 1, dated Batavia, 10th January 1894, is republished for general information:—

Notice is given that two breakwaters have been built at *Cheribon*. On the outer extremity of the Eastern mole, about 600 yards N. N. E. from the port light, is shown a small *fixed red* light.

Also that the piers at *Semarang* have been extended: the Eastern one for about 380 yards, the Western one for about 275 yards.

The small *fixed green* and *red* lights are accordingly moved forward, respectively to the outer extremity of the East and West piers.

Bearings true.

This notice affects the charts: *Nederlandsch Oost Indië*, blad II, 1867; *Java Zee en aangr. vaarw.* blad I, 1892, and blad II, 1887; *Java*, blad II, 1892; *Noordkust Java*, blad III, 1887, and blad IV, 1888; *Reede Cheribon*, 1886, and *Reede Semarang*, 1881.

II. JAVA, NORTH COAST—MADOERA STRAIT.

Visibleness of electric lights.

Also that in the residencies *Perobolinggo* and *Besoeki*, many sugar-manufactories use, during some months of the year, electric lights that are visible seaward from a great distance.

This notice affects the charts: *Nederlandsch Oost-Indië*, blad II, 1867; *Java Zee en aangr. vaarw.* blad II, 1887; *Java*, blad III, 1890; *Noordkust Java*, blad VI, 1889, and blad VII, 1890; *O. vaarwater van Soerabaja*, 1887; and *Reeden: Perobolinggo*, 1892; *Besoeki*, 1892, and *Panaroekan*, 1892.

B. P. CREAGH, *Comdr.*, R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 17th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 27.

[First Publication.]

EASTERN ARCHIPELAGO—NEW GUINEA, WEST COAST.

Reef, north-west of Karas island.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 2, dated Batavia, 9th January 1894, is republished for general information :—

The Commander of H. N. M. *Pontianak* reports the existence of a sunken reef, with about 4 fathoms water on it, to the N.-W. ward of *Karas* or *Kani* island, west coast of *New Guinea*.

This reef, about 165 yards long in a N.-W. and S.-E. direction, and 110 yards broad, lies on the following bearings :—

S. extreme of <i>Karas</i> island	...	...	...	N. 135° E.
N. " " <i>Karas</i> island	...	...	...	N. 101° E.
S. " " <i>Patemoeni</i> peninsula...	...	...	...	N. 76° E.
<i>Patemoeni</i> point	...	...	...	N. 12° E.

Bearings true.

This notice affects the chart: *Moluksche Archipel*, blad II, 1884.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 28.

[First Publication.]

EASTERN ARCHIPELAGO—SOENDA STRAIT.

Telegraph light off the Fourth point of Java discontinued, and intended withdrawal of cable-buoys.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 3, dated Batavia, the 11th January 1894, is republished for general information :—

With reference to "Notices to Mariners No. 13, 1887, and No. 27, 1886," notice is given that on account of the removal of the telegraph-cable, the red telegraph-light, near the Fourth point of *Java*, showing the sector in which it was prohibited to anchor, has been discontinued.

Both the telegraph-cable-buoys will be withdrawn. In consequence of the abovementioned, ships may now anchor everywhere in Anjer road.

This notice affects the charts: *Nederlandsch Oost-Indië*, blad I, 1867; *Java Zee en aangr. vaarw.* blad I, 1892; *Java*, blad I, 1887; *Straat Soenda*, 1886; *Westkust Java*, *Vierde punt tot Oud Anjer*, 1885 and *Noordkust Java*, blad I, 1887.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 29.

[First Publication.]

EASTERN ARCHIPELAGO, ARAFOERA SEA—AROE ISLANDS.

Reef between Djeoedin and Karang.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 4, dated Batavia, 17th January 1894, is republished for general information :—

The Commander of H. N. M. Surveying vessel *Banda* reports the existence of a sunken reef, about 1 cable across, with a least depth of 3½ fathoms on it at low-water springs lying between the islets *Djeoedin* and *Karang*, *Aroe* group, and on the Southern edge of the 5 fathoms line of the *Djeoedin* group, or in approx. lat. 6° 56' 26" S., long. 134° 41' 17" E.

About ½ cable southward of this reef soundings of 7 fathoms were obtained. The soundings between the reef and the *Djeoedin* group are generally shoaler than those heretofore charted.

This notice affects the charts: *Z. W. kust Nieuw Guinea*, 1885, and *Plannen van Ankerplaatsen in den Molukschen Archipel*, blad IV, 1889.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 30.

[First Publication.]

AUSTRALIA, ENDEAVOUR STRAIT—THE BOAT CHANNEL AND NORMANBY SOUND.

Masters of vessels, Pearl-shelliers, and others navigating these channels cautioned.

THE Portmaster, Brisbane, has given notice, dated 3rd January 1894, that Masters of vessels, pearl-shelliers, and others navigating Endeavour strait, the Boat Channel between Prince of Wales and Horn islands, and Normanby Sound, are cautioned against anchoring their vessels near the route of the Submarine Telegraph Cable connecting Thursday island with the Mainland of Queensland, which is as follows :—

From Paterson in a north-westerly direction, passing about half-a-mile south of Dayman and Little Woody islands to the southern entrance of the Boat Channel between Horn and Prince of Wales islands; thence through that channel in a west-north-westerly direction, passing about midway between the western edge of Madge Reef and Heath Point; and thence in a northerly direction to Thursday island.

The route of the cable across Normanby sound is north and south, and is indicated by a triangular black beacon (on a hill at Vivien point) in line with the cable house painted red near the Government Residency, and a white square beacon on Prince of Wales island.

Special attention to this notice is requested, as telegraphic communication with Thursday island is of great public importance, the cable referred to having been recently repaired at considerable expense.

Sections 121 and 124 of "*The Post and Telegraph Act, 1891*", are hereby quoted for general information :—

Any person who—

- (1) Unlawfully or maliciously cuts, breaks, throws down, injures or removes any battery, machinery, wire, cable, post, or other matter or thing whatsoever, being part of any apparatus used or employed in or about any telegraph, or in the working thereof, or
 - (2) Unlawfully or maliciously prevents or obstructs in any manner whatsoever the sending, conveyance, or delivery of any communication by telegraph,
- shall be guilty of a misdemeanour, and shall be liable to imprisonment, with or without hard labour, for any term not exceeding three years.

Provided that if it appears to a justice, on the examination of a person charged with an offence against this section, that it is not expedient to the ends of justice that the same should be prosecuted as an indictable offence, one justice may proceed summarily to hear and determine the same, and the offender may, on conviction, be imprisoned for any term not exceeding three months, or be ordered to pay a penalty not exceeding twenty pounds.

Any person who negligently breaks or injures any post, wire, or material, belonging to or used in connection with any telegraph, shall be liable to a penalty not exceeding five pounds.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 31.

[First Publication.]

AUSTRALIA—WIDE BAY BAR.

Alteration in leading beacons—Main channel.

THE Portmaster, Brisbane, has given notice (No. 2 of 1894) that the square beacons on Hook Point, which lead through the north or main channel across Wide Bay Bar, have been shifted, and are now to be kept in line when entering instead of being kept open to the northward as formerly.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 32.

[First Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACHES.

Pinnacle on the Western Bramble Patch.

THE Portmaster, Brisbane, has given notice (No. 3 of 1894) that Lieutenant and Commander Heming, of H.M.S. *Paluma*, reports having discovered a pinnacle on the western Bramble Patch, with only $2\frac{3}{4}$ fathoms on it. This patch is shown on the Admiralty Chart to have 4 fathoms on it. It lies $8\frac{1}{4}$ miles N. 74° E. from the Proudfoot Shoal Light-vessel.

Geographical position.

Latitude ...	...	...	...	$10^{\circ} 30' 45''$ S.
Longitude ...	...	...	...	$141^{\circ} 36' 00''$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 17th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 33.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

The shoal reported off the Krishna light vessel does not exist.

With reference to Notice to Mariners, No. 293, dated the 19th December 1893, issued by this office, the Port Officer, Rangoon, has given notice that on soundings being taken by the Commander of the R. I. M. S. *Dalhousie* on the 19th January last, it has been found that the shoal reported by the Master of the S. S. *Vita*, off the Krishna light vessel, does not exist.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 19th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 34.

[First Publication.]

PACIFIC OCEAN—LOUISIADÉ ARCHIPELAGO.

Coral shoal north-eastward of Emerald reef.

The British Admiralty has given notice (No. 28 of 1894) of the existence of a coral shoal, the extent of which was not ascertained, with apparently depths of 3 to 4 fathoms on its shoalest part, situated approximately in lat. $10^{\circ} 29\frac{1}{2}'$ S., long. $151^{\circ} 40\frac{1}{2}'$ E. A depth of 25 fathoms, shells and coral, was obtained close northward of the shoal.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 19th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 35.

[First Publication.]

KOREA, WEST COAST—CLUMP GROUP.

Shoal reported eastward of North Rocky island.

The British Admiralty has given notice (No. 29 of 1894) of the existence of a sandy shoal on which the Japanese steamer *Kisogawamaru* drawing $9\frac{1}{2}$ feet water forward and $12\frac{1}{2}$ feet aft, struck at low water on 25th October 1893, lying with North Rocky island bearing W. $\frac{1}{4}$ N. (N. 87° W.), distant one mile, or approximately, in lat. $35^{\circ} 2\frac{1}{4}'$ N., long. $125^{\circ} 59\frac{1}{2}'$ E. (Variation 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 19th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 36.

[First Publication.]

CHINA, EAST COAST—YANG TSE KIANG APPROACH.

Mud bank north-westward of Shaweishan island.

The British Admiralty has given notice (No. 30 of 1894) of the existence of a mud bank dry at low water, from which Shaweishan island bears S. E. (S. 45° E.), distant 10 miles.

Approximate position: lat. 31° 32' N., long. 122° 5' E.

Variation 2° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 19th February 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 37.

[First Publication.]

CHINA, EAST COAST—YANG TSE KIANG APPROACH.

Shaweishan or North Channel—Alterations in banks, islands, and buoyage.

THE British Admiralty has given notice (No. 31 of 1894) that in consequence of recent alterations in certain of the banks and islands in Shaweishan or North channel, the buoyage of that channel is now arranged as follows:—

1. Chi Yao bank, south-westward of Drinkwater point, has extended to the southward.

Chi Yao buoy, marking the south-eastern extreme of the bank, is a conical red buoy, surmounted by a black spherical cage, moored on the starboard side of the channel entering from seaward, with Drinkwater point surveying beacon, bearing N.N.E. $\frac{3}{4}$ E. (N. 31° E.), distant 2 miles; and Nest tree (Sha Ku Chiao), N.W. by W. (N. 56° W.).

Approximate position, lat. 31° 26' N., long. 121° 47' 50" E.

2. The edge of the bank on the southern side of the channel, north-eastward of Middle island, is washing away.

Middle island buoy, marking the northern extreme of this bank, is a conical black buoy surmounted by a black cage in the form of a frustrum with the small part downwards, moored on the port side of the channel, entering from seaward, with Blockhouse island surveying beacon, bearing S. 10° E. (S. $\frac{7}{8}$ E.), distant 6½ miles; and Drinkwater point beacon, E. $\frac{3}{4}$ S. (S. 82° E.).

Approximate position, lat. 31° 28' 30" N., long. 121° 39' 40" E.

3. Tsung ming bank is extending to the southward and eastward, and the northern coast of Bush island and the north-west point of Middle island are washing away.

Tsung ming bank buoy, marking the south-eastern elbow of Tsung ming bank, is a conical red buoy, surmounted by a black spherical cage, moored on the starboard side of the channel entering from seaward, with High dark tree on Tsung ming island, bearing N.E. $\frac{1}{4}$ E. (N. 47° E.), distant 4 miles; and middle island beacon, S. E. $\frac{3}{4}$ E. (S. 53° E.).

Approximate position, lat. 31° 28' 15" N., long. 121° 32' 45" E.

NOTE.—Vessels entering by Shaweishan channel should, after passing Tsung ming buoy, steer to pass about 2 cables northward of Bush island.

(Variation 2° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 19th February 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 38.

[First Publication.]

SOUTH PACIFIC OCEAN—SOLOMON ISLANDS.

Rendova (Hammond) island—Shoal in Rendova harbour.

THE British Admiralty has given notice (No. 32 of 1894) of the existence of a shoal in Rendova harbour, with a depth of 1½ fathoms on it, lying with Simpson island south-east point, bearing N.E. $\frac{1}{8}$ N. (N. 43° E.), distant 1½ cables; and Grove island, centre E. by S. $\frac{3}{4}$ S. (S. 70° E.).

Approximate position, lat. 8° 23' 35" S., long. 157° 15' 10" E.

The patch, marked 1½ on the plan, half a cable northward of this position, has a least depth of 3 fathoms on it.

(2) *Amended position of Brougham shoal.*

Also, that Brougham shoal is about $1\frac{1}{2}$ miles in diameter, and lies with cape Pitt, bearing N. by W. $\frac{3}{4}$ W. (N. 15° W.), distant 12 miles; and Murray island, E. by N. (N. 79° E.). The least depth has not yet been ascertained, but the shoal is plainly visible under favourable conditions of light.

Approximate position, lat. $9^{\circ} 2' S.$, long. $158^{\circ} 14' E.$

(Variation, 8° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 39.

[First Publication.]

JAPAN—KUSIU.

Nagasaki harbour—Sunken wrecks.

THE British Admiralty has given notice (No. 33 of 1894) that the following information, dated 17th October 1893 (1) and 4th December 1893 (2), relating to sunken wrecks in Nagasaki harbour, has been received from H. M. Ships *Leander* and *Imperieuse*:—

1. A junk, with about 3 feet of one mast, having sail and bamboo attached, showing at high water, lies sunk in the middle of the fairway of Nagasaki harbour, in a position with Minage point (Observation rock), bearing N. $\frac{1}{2}$ E. (N. 5° E.), distant $4\frac{1}{4}$ cables; and Nabe-kamuri yama, E. $\frac{3}{4}$ S. (S. 81° E.).

Approximate position, lat. $32^{\circ} 44' N.$, long. $129^{\circ} 51' 10'' E.$

2. A junk, or obstruction to navigation, lies sunk with a depth of about 23 feet over it and depths of 7 to 9 fathoms westward and eastward, in a position eight-tenths of a cable north of wreck No. 1.

(Variation 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 24.

[Second Publication.]

INDIA, EAST—MADRAS COAST.

Calingapatam—Exhibition of the proposed new light indefinitely postponed.

WITH reference to Notice to Mariners, No. 276, dated 25th November 1893, issued by this office, the Acting Presidency Port Officer, Madras, has given further notice, that the date of the exhibition of the proposed new light at Calingapatam has been indefinitely postponed.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th February 1894

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 25.

[Second Publication.]

AUSTRALIA—BRISBANE RIVER.

A new buoy placed on the bar of this river.

THE Port Master, Brisbane, has given notice (No. 1 of 1894) that a red conical buoy carrying a triangular top-mark has been placed on the outer edge of the bar of the Brisbane river in a depth of 21 feet at low-water springs.

The buoy lies one mile distant from the Pile Light, and 180 feet to the westward of the line of the Bar Leading Lights.

Vessels approaching the Bar should steer for the buoy, and when near to, must haul up to bring the leading lights in line, passing the buoy on the starboard hand at a distance of 180 feet.

The buoy lies with the following compass bearings, which may assist vessels in determining compass errors :—

Mount Tempest	...	...	...	N. 43° E.
Mount Gravatt (a high summit, 15 miles distant, with tall trees, partially cleared)	...	...	...	S. 10° W.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 20.

[Third Publication.]

JAPAN—KIUSIU, WEST COAST.

Amakusa island—Sunken rocks in Hachiman seto.

WITH reference to Notice to Mariners, No. 252, dated 28th October 1893, issued by this office, the British Admiralty has given further notice (No. 3 of 1894) that the position of the sunken rock Ozone has recently been examined by Lieutenant K. Kodama with the following result :—

Ozone has a least depth of 2½ fathoms on it at low water ; with 8 to 13 fathoms close around, and lies with Mato sima southern islet, bearing S. S. E. ½ E. (S. 32° E.), distant 5½ cables ; and Kamimate jima S. W. ¾ W. (S. 54° W.).

Approximate position, lat, 32° 17' N., long. 130° 10' 30" E.

Also, that a sunken rock has been found on the western side of Hachiman seto, northward of Miyano kawachi bay :—

This rock, which extends in an east and west direction for nearly a quarter of a mile, has a depth of 1½ fathoms at low water near its eastern end and 2 fathoms at its western end, with 15 to 20 fathoms around.

From its eastern extreme Katsura jima summit bears S. E. (S. 45° E.), distant 1 7/10 miles ; and Sodzu saki N. E. ¾ N. (N. 37° E.).

Approximate position, lat. 32° 18' 40" N., long. 130° 11' 5" E.

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 21.

[Third Publication.]

SOUTH PACIFIC—FIJI ISLANDS.

Dangers near Viti Levu and Vanua Levu.

NOTICE to Mariners, No. 10 of 1894, issued by the British Admiralty, is republished.]

The following information, dated 26th October 1893, relating to dangers near Viti Levu and Vanua Levu, has been received from H.M.S. *Rapid* :—

1. The Master of the steamer *Fiona* reports the existence of discoloured water, apparently a shoal, in Nandi waters, west coast of Viti Levu ; lying with Curacoa rocks, bearing N.E. ¼ E. (N. 48° E.), distant 1 9/10 miles ; or approximately in lat. 17° 47¼' S., long. 177° 16½' E.

Several patches of discoloured water were seen from the masthead of H.M.S. *Rapid* in this vicinity on 14th October 1893.

The two sand cays, bearing respectively from Curacoa rock, N.W. ¾ W. (N. 53° W.), 1½ miles, and W. ½ N. (N. 85° W.), 2 miles, are coral patches just awash.

2. Dongaloa reef, north coast of Viti Levu, extends nearly 5 miles further westward than shown on the chart ; the western end of the reef lies with the eastern entrance to Ba river, bearing about S. by W. (S. 11° W.), or approximately in lat. 17° 24½' S., long 177° 40' E.

There are a few mangrove bushes on the western end of the reef, and none on the eastern end.

3. A coral patch, with an estimated depth of 6 feet on it, lies south-westward of Vanua Levu, in a position with Solevu peak, bearing N.E. by E. (N. 56° E.), distant $10\frac{1}{2}$ miles; and Sesaleka peak N.N.W. $\frac{1}{4}$ W. (N. 25° W.); or approximately in lat. $17^{\circ} 4'$ S., long. $178^{\circ} 36'$ E.

(Variation, 10° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 3rd February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 22.

[Third Publication.]

CHINA, EAST—YELLOW SEA.

Pe Chili strait—Annual discontinuance of Liau ti shan light.

WITH reference to Notice to Mariners No. 251, dated 28th October 1893, issued by this office, the British Admiralty has given further notice (No. 12 of 1894) that Liau ti shan (Lao t'ieh shan) light (double flashing white), northern shore of Pe Chili strait, will be discontinued annually from 16th December to 1st March.

Approximate position; lat. $38^{\circ} 43' 15''$ N., long. $121^{\circ} 8' 15''$ E.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 3rd February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 23.

[Third Publication.]

CHINA SEA, SINGAPORE STRAIT—SALAT SINKI.

Ajax shoal light-vessel not to be withdrawn for the present.

WITH reference to Notice to Mariners, No. 248, dated 28th October 1893, issued by this office, the British Admiralty has given further notice (No. 13 of 1893) that Ajax shoal light-vessel will be retained in position for the present; and should she be withdrawn later, will be replaced by a temporary light.

Approximate position, lat. $1^{\circ} 14'$ N., long. $103^{\circ} 40\frac{1}{2}'$ E.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 3rd February 1894.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, FEBRUARY 28, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 40.

[First Publication.]

NEW ZEALAND—AUCKLAND ISLANDS, &c.

Depôts of provision and clothing for castaways.

THE following Notice to Mariners No. 1, dated 5th January 1894, issued by the Government of New Zealand is republished for general information :—

Eleven of the crew of the barque *Spirit of the Dawn* which was wrecked on the Antipodes Island on the 4th September last having remained on the island for eighty-eight days without becoming aware of the existence of the depôt of provisions and clothing for castaways which is established there, it is thought advisable to draw the attention of mariners to the fact that such depôts are maintained by the New Zealand Government on that island and on the Auckland, Campbell, Bounty, and Kermadec Islands, and that it is proposed to establish one on the Snares.

The following are the positions of the depôts :—

Auckland Islands.—A depôt is placed on the south side of Erebus Cove, Port Ross, and another in Camp Cove, Carnley Harbour. A third will be placed at the head of Norman Inlet the next time the Government steamer visits the islands. One boat is placed on the north-west end of Adams Island, another on Enderby Island, and one will be placed on Rose Island.

Campbell Island.—A depôt is erected in Tucker Cove, Perseverance Harbour, and a boat will be placed at the head of that harbour.

Antipodes Islands.—A depôt is placed abreast the anchorage on the north-east side of the principal island.

Bounty Islands.—There is a depôt on the principal island.

Snares Island.—A depôt will be established on this island the next time the *Hinemca* visits the place.

Kermadec Islands.—A depôt is established on Macaulay Island near Lava Cascade, on the north-east end of the Island, and another on Curtis Island, at the head of Macdonald Cove, on the north-western end of the island.

Finger-pôsts to indicate the direction of the depôts will be erected on the islands.

The Government steamer visits the Auckland, Campbell, Antipodes, Bounty, and Snares Islands twice a year, and the Kermadec Islands once a year.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 24th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 41.

[First Publication.]

AFRICA, NORTH EAST-COAST—GULF OF ADEN, NORTH SHORE.

Aden—Intended replacement of temporary light-vessel by permanent light-vessel.

WITH reference to Notice to Mariners No. 256, dated 31st October last, issued by this office, the British Admiralty has given further notice (No. 47 of 1894) that on or about 15th February 1894, the temporary light-vessel moored off Ras Marbut, Aden harbour, will be replaced by the permanent light-vessel.

The characteristics of the permanent light and light-vessel are as given in List of Lights, part V., No. 56.

Approximate position, lat. $12^{\circ} 47\frac{1}{2}'$ N., long. $44^{\circ} 58\frac{1}{2}'$ E.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 24th February 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 42.

[First Publication.]

AUSTRALIA, NORTH-WEST COAST—ASHBURTON ISLAND.

Sunken reef—Ashburton road approach.

THE British Admiralty has given notice (No. 42 of 1894) that the reef on which the steamer *New Guinea* struck is about half a cable in extent, with a least depth of 12 feet on it at low water springs and situated with Ashburton island bearing S.S.E. ($S. 22^{\circ} E.$), distant $1\frac{1}{2}$ miles.

Approximate position, lat. $21^{\circ} 34\frac{1}{2}'$ S., long $114^{\circ} 54\frac{1}{2}'$ E.

(Variation nil in 1894.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 24th February 1894:

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 43.

[First Publication.]

JAPAN—YEZO, SOUTH COAST.

Fog signals at Cape Yerimo light-house.

THE British Admiralty has given notice (No. 40 of 1894) that on 1st January 1894 the following fog signals were established at Cape Yerimo light-house:—

Cape Yerimo principal fog signal consists of a steam siren, which during thick or foggy weather will give blasts of *seven seconds* duration separated by silent intervals of *twenty seconds*.

The auxiliary fog signal, to be used while steam is being got up or if an accident has happened to the steam siren, consists of an air siren, which during thick or foggy weather under the above circumstances, will give blasts of *six seconds* duration separated by silent intervals of *twenty seconds*.

Approximate position, lat. $41^{\circ} 56'$ N., long. $143^{\circ} 15'$ E.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 24th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 44.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Koninginne bay—Beacon on Pasir reef.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 5, dated Batavia, the 30th January 1894, is republished for general information:—

With reference to Notice to Mariners, No. 26, Batavia, 1891, notice is hereby given that the beacon on *Pasir reef* has been painted *black*.

This notice affects the charts: *Nederlandsch Oost-Indië* blad I, 1867; *Noordelijk gedeelte Sumatra*, 1893; *Westkust Sumatra, Padang tot Vlakkehoek*, 1887; *Westkust Sumatra Periaman tot Inderapoera*, 1878, and *Plannen van Ankerplaatsen, Westkust Sumatra* blad I, 1889.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 26th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 26.

[Second Publication.]

EASTERN ARCHIPELAGO—JAVA, NORTH COAST.

Breakers at Cheribon and Semarang.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 1, dated Batavia, 10th January 1894, is republished for general information:—

Notice is given that two breakwaters have been built at *Cheribon*. On the outer extremity of the Eastern mole, about 600 yards N. N. E. from the port light, is shown a small *fixed red* light.

Also that the piers at *Semarang* have been extended: the Eastern one for about 380 yards, the Western one for about 275 yards.

The small *fixed green* and *red* lights are accordingly moved forward, respectively to the outer extremity of the East and West piers.

Bearings true.

This notice affects the charts: *Nederlandsch Oost Indië*, blad II, 1867; *Java Zee aangr. vaarw.* blad I, 1892, and blad II, 1887; *Java*, blad II, 1892; *Noordkust Java*, blad III, 1887, and blad IV, 1888; *Reede Cheribon*, 1886, and *Reede Semarang*, 1881.

II. JAVA, NORTH COAST—MADOERA STRAIT.

Visiblencess of electric lights.

Also that in the residencies *Perobolinggo* and *Besoeki*, many sugar-manufactories use during some months of the year, electric lights that are visible seaward from a great distance.

This notice affects the charts: *Nederlandsch Oost-Indië*, blad II, 1867; *Java Zee en aangr. vaarw.* blad II, 1887; *Java*, blad III, 1890; *Noordkust Java*, blad VI, 1889, and blad VII, 1890; *O. vaarwater van Soerabaja*, 1887; and *Reeden: Perobolinggo*, 1892; *Besoeki*, 1892, and *Panaroekan*, 1892.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 27.

[Second Publication.]

EASTERN ARCHIPELAGO—NEW GUINEA, WEST COAST.

Reef, north-west of Karas island.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 2, dated Batavia, 9th January 1894, is republished for general information:—

The Commander of *H. N. M. Pontianak* reports the existence of a sunken reef, with about 4 fathoms water on it, to the N.-W. ward of *Karas* or *Kani* island, west coast of *New Guinea*.

This reef, about 165 yards long in a N.-W. and S.-E. direction, and 110 yards broad, lies on the following bearings :—

S. extreme of <i>Karas</i> island	...	...	N. 135° E.
N. " " <i>Karas</i> island	...	...	N. 101° E.
S. " " <i>Patemoeni</i> peninsula...	...	...	N. 76° E.
<i>Patemoeni</i> point	...	...	N. 12° E.

Bearings true.

This notice affects the chart: Moluksche Archipel, blad II, 1884.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 17th February 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 28.

[Second Publication.]

EASTERN ARCHIPELAGO—SOENDA STRAIT.

Telegraph light off the Fourth point of Java discontinued, and intended withdrawal of cable-buoys.

The following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 3, dated Batavia, the 11th January 1894, is republished for general information :—

With reference to "Notices to Mariners No. 13, 1887, and No. 27, 1886," notice is given that on account of the removal of the telegraph-cable, the *red* telegraph-light, near the Fourth point of *Java*, showing the sector in which it was prohibited to anchor, has been discontinued.

Both the telegraph-cable-buoys will be withdrawn. In consequence of the abovementioned, ships may now anchor everywhere in Anjer road.

This notice affects the charts: *Nederlandsch Oost-Indië*, blad I, 1867; *Java Zee en aangr. vaarw.* blad I, 1892; *Java*, blad I, 1887; *Straat Soenda*, 1886; *Westkust Java*, *Vierde punt tot Oud Anjer*, 1885 and *Noordkust Java*, blad I, 1887.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 17th February 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 29.

[Second Publication.]

EASTERN ARCHIPELAGO, ARAFOERA SEA—AROE ISLANDS.

Reef between Djeoedin and Karang.

The following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 4, dated Batavia, 17th January 1894, is republished for general information :—

The Commander of H. N. M. Surveying vessel *Banda* reports the existence of a sunken reef, about 1 cable across, with a least depth of $3\frac{1}{2}$ fathoms on it at low-water springs lying between the islets *Djeoedin* and *Karang*, *Aroe* group, and on the Southern edge of the 5 fathoms line of the *Djeoedin* group, or in approx. lat. $6^{\circ} 56' 26''$ S., long. $134^{\circ} 41' 17''$ E.

About $\frac{1}{2}$ cable southward of this reef soundings of 7 fathoms were obtained. The soundings between the reef and the *Djeoedin* group are generally shoaler than those heretofore charted.

This notice affects the charts: *Z. W. kust Nieuw Guinea*, 1885, and *Plannen van Anker-plaatsen in den Molukschen Archipel*, blad IV, 1889.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 17th February 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 30.

[Second Publication.]

AUSTRALIA, ENDEAVOUR STRAIT—THE BOAT CHANNEL AND NORMANBY SOUND.

Masters of vessels, Pearl-shelllers, and others navigating these channels cautioned.

The Portmaster, Brisbane, has given notice, dated 3rd January 1894, that Masters of vessels, pearl-shelllers, and others navigating Endeavour strait, the Boat Channel between Prince of Wales and Horn islands, and Normanby Sound, are cautioned against anchoring

their vessels near the route of the Submarine Telegraph Cable connecting Thursday island with the Mainland of Queensland, which is as follows :—

From Paterson in a north-westerly direction, passing about half-a-mile south of Dayman and Little Woody islands to the southern entrance of the Boat Channel between Horn and Prince of Wales islands; thence through that channel in a west-north-westerly direction, passing about midway between the western edge of Madge Reef and Heath Point; and thence in a northerly direction to Thursday island.

The route of the cable across Normanby sound is north and south, and is indicated by a triangular black beacon (on a hill at Vivien point) in line with the cable house painted red near the Government Residency, and a white square beacon on Prince of Wales island.

Special attention to this notice is requested, as telegraphic communication with Thursday island is of great public importance, the cable referred to having been recently repaired at considerable expense.

Sections 121 and 124 of "*The Post and Telegraph Act, 1891*", are hereby quoted for general information :—

Any person who—

- (1) Unlawfully or maliciously cuts, breaks, throws down, injures or removes any battery, machinery, wire, cable, post, or other matter or thing whatsoever, being part of any apparatus used or employed in or about any telegraph, or in the working thereof, or
 - (2) Unlawfully or maliciously prevents or obstructs in any manner whatsoever the sending, conveyance, or delivery of any communication by telegraph;
- shall be guilty of a misdemeanour, and shall be liable to imprisonment, with or without hard labour, for any term not exceeding three years.

Provided that if it appears to a justice, on the examination of a person charged with an offence against this section, that it is not expedient to the ends of justice that the same should be prosecuted as an indictable offence, one justice may proceed summarily to hear and determine the same, and the offender may, on conviction, be imprisoned for any term not exceeding three months, or be ordered to pay a penalty not exceeding twenty pounds.

Any person who negligently breaks or injures any post, wire, or material, belonging to or used in connection with any telegraph, shall be liable to a penalty not exceeding five pounds.

B. P. CREAGH, *Comdr., R.I.M.,*

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN, *

Under-Secretary, Marine Department.

CALCUTTA, the 17th February 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 31.

[Second Publication.]

AUSTRALIA—WIDE BAY BAR.

Alteration in leading beacons—Main channel.

THE Portmaster, Brisbane, has given notice (No. 2 of 1894) that the square beacons on Hook Point, which lead through the north or main channel across Wide Bay Bar, have been shifted, and are now to be kept in line when entering instead of being kept open to the northward as formerly.

B. P. CREAGH, *Comdr., R.I.M.,*

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 17th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 32.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACHES.

Pinnacle on the Western Bramble Patch.

THE Portmaster, Brisbane, has given notice (No. 3 of 1894) that Lieutenant and Commander Heming, of H.M.S. *Paluma*, reports having discovered a pinnacle on the western

Bramble Patch, with only $2\frac{1}{2}$ fathoms on it. This patch is shown on the Admiralty Chart to have 4 fathoms on it. It lies $8\frac{1}{2}$ miles N. 74° E. from the Proudfoot Shoal Light-vessel.

Geographical position.

Latitude ...	...	...	...	$10^{\circ} 30' 45''$ S.
Longitude ...	...	...	...	$141^{\circ} 36' 00''$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 17th February 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 33.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

The shoal reported off the Krishna light vessel does not exist.

With reference to Notice to Mariners, No. 293, dated the 19th December 1893, issued by this office, the Port Officer, Rangoon, has given notice that on soundings being taken by the Commander of the R. I. M. S. *Dalhousie* on the 19th January last, it has been found that the shoal reported by the Master of the S. S. *Vita*, off the Krishna light vessel, does not exist.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 19th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 34.

[Second Publication.]

PACIFIC OCEAN—LOUISIADÉ ARCHIPELAGO.

Coral shoal north-eastward of Emerald reef.

The British Admiralty has given notice (No. 28 of 1894) of the existence of a coral shoal, the extent of which was not ascertained, with apparently depths of 3 to 4 fathoms on its shoalest part, situated approximately in lat. $10^{\circ} 29\frac{1}{2}'$ S., long. $151^{\circ} 40\frac{1}{2}'$ E. A depth of 25 fathoms, shells and coral, was obtained close northward of the shoal.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 19th February 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 35.

[Second Publication.]

KOREA, WEST COAST—CLUMP GROUP.

Shoal reported eastward of North Rocky island.

The British Admiralty has given notice (No. 29 of 1894) of the existence of a sandy shoal on which the Japanese steamer *Kisogawamaru* drawing $9\frac{1}{2}$ feet water forward and $12\frac{1}{2}$ feet aft, struck at low water on 25th October 1893, lying with North Rocky island bearing W. $\frac{1}{4}$ N. (N. 87° W.), distant one mile, or approximately, in lat. $35^{\circ} 2\frac{1}{4}'$ N., long. $125^{\circ} 59\frac{1}{2}'$ E. (Variation 4° Westerly in 1894.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 19th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 36.

[Second Publication.]

CHINA, EAST COAST—YANG TSE KIANG APPROACH.

Mud bank north-westward of Shaweishan island.

The British Admiralty has given notice (No. 30 of 1894) of the existence of a mud bank dry at low water, from which Shaweishan island bears S. E. (S. 45° E.), distant 10 miles.

Approximate position: lat. 31° 32' N., long. 122° 5' E.

Variation 2° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 19th February 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 37.

[Second Publication.]

CHINA, EAST COAST—YANG TSE KIANG APPROACH.

Shaweishan or North Channel—Alterations in banks, islands, and buoyage.

THE British Admiralty has given notice (No. 31 of 1894) that in consequence of recent alterations in certain of the banks and islands in Shaweishan or North channel, the buoyage of that channel is now arranged as follows:—

1. Chi Yao bank, south-westward of Drinkwater point, has extended to the southward.

Chi Yao buoy, marking the south-eastern extreme of the bank, is a conical red buoy, surmounted by a black spherical cage, moored on the starboard side of the channel entering from seaward, with Drinkwater point surveying beacon, bearing N.N.E. $\frac{3}{4}$ E. (N. 31° E.), distant 2 miles; and Nest tree (Sha Ku Chiao), N.W. by W. (N. 56° W.).

Approximate position, lat. 31° 26' N., long. 121° 47' 50" E.

2. The edge of the bank on the southern side of the channel, north-eastward of Middle island, is washing away.

Middle island buoy, marking the northern extreme of this bank, is a conical black buoy surmounted by a black cage in the form of a frustrum with the small part downwards, moored on the port side of the channel, entering from seaward, with Blockhouse island surveying beacon, bearing S. 10° E. (S. $\frac{2}{3}$ E.), distant 6½ miles; and Drinkwater point beacon, E. $\frac{3}{4}$ S. (S. 82° E.).

Approximate position, lat. 31° 28' 30" N., long. 121° 39' 40" E.

3. Tsung ming bank is extending to the southward and eastward, and the northern coast of Bush island and the north-west point of Middle island are washing away.

Tsung ming bank buoy, marking the south-eastern elbow of Tsung ming bank, is a conical red buoy, surmounted by a black spherical cage, moored on the starboard side of the channel entering from seaward, with High dark tree on Tsung ming island, bearing N.E. $\frac{1}{4}$ E. (N. 47° E.), distant 4 miles; and middle island beacon, S. E. $\frac{3}{4}$ E. (S. 53° E.).

Approximate position, lat. 31° 28' 15" N., long. 121° 32' 45" E.

NOTE.—Vessels entering by Shaweishan channel should, after passing Tsung ming buoy, steer to pass about 2 cables northward of Bush island.

(Variation 2° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 19th February 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 38.

[Second Publication.]

SOUTH PACIFIC OCEAN—SOLOMON ISLANDS.

Rendova (Hammond) island—Shoal in Rendova harbour.

THE British Admiralty has given notice (No. 32 of 1894) of the existence of a shoal in Rendova harbour, with a depth of 1½ fathoms on it, lying with Simpson island south-east point, bearing N.E. $\frac{1}{8}$ N. (N. 43° E.), distant 1½ cables; and Grove island, centre E. by S. $\frac{3}{4}$ S. (S. 70° E.).

Approximate position, lat. $8^{\circ} 23' 35''$ S., long. $157^{\circ} 15' 10''$ E.

The patch, marked $1\frac{1}{2}$ on the plan, half a cable northward of this position, has a least depth of 3 fathoms on it.

(2) *Amended position of Brougham shoal.*

Also, that Brougham shoal is about $1\frac{1}{2}$ miles in diameter, and lies with cape Pitt, bearing N. by W. $\frac{3}{8}$ W. (N. 15° W.), distant 12 miles; and Murray island, E. by N. (N. 79° E.). The least depth has not yet been ascertained, but the shoal is plainly visible under favourable conditions of light.

Approximate position, lat. $9^{\circ} 2'$ S., long. $158^{\circ} 14'$ E.

(Variation, 8° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 39.

[Second Publication.]

JAPAN—KIU-SIU.

Nagasaki harbour—Sunken wrecks.

THE British Admiralty has given notice (No. 33 of 1894) that the following information, dated 17th October 1893 (1) and 4th December 1893 (2), relating to sunken wrecks in Nagasaki harbour, has been received from H. M. Ships *Leander* and *Imperieuse* :—

1. A junk, with about 3 feet of one mast, having sail and bamboo attached, showing at high water, lies sunk in the middle of the fairway of Nagasaki harbour, in a position with Minage point (Observation rock), bearing N. $\frac{1}{2}$ E. (N. 5° E.), distant $4\frac{1}{4}$ cables; and Nabe-kamuri yama, E. $\frac{3}{4}$ S. (S. 81° E.).

Approximate position, lat. $32^{\circ} 44'$ N., long. $129^{\circ} 51' 10''$ E.

2. A junk, or obstruction to navigation, lies sunk with a depth of about 23 feet over it and depths of 7 to 9 fathoms westward and eastward, in a position eight-tenths of a cable north of wreck No. 1.

(Variation 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 24.

[Third Publication.]

INDIA, EAST—MADRAS COAST.

Calingapatam—Exhibition of the proposed new light indefinitely postponed.

WITH reference to Notice to Mariners, No. 276, dated 25th November 1893, issued by this office, the Acting Presidency Port Officer, Madras, has given further notice, that the date of the exhibition of the proposed new light at Calingapatam has been indefinitely postponed.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th February 1894

K. H. STEPHEN,
Under-Secretary, Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MARCH 7, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 45.

[First Publication.]

EASTERN ARCHIPELAGO—STRAIT OF MANGKASAR.

Seonda strait--Withdrawal of telegraph cable buoys.

WITH reference to Notice to Mariners No. 51, dated the 25th February 1893, issued by this office, the following Notice to Mariners by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 6, dated Batavia, the 8th February 1894, is republished for general information:—

With reference to "Notices to Mariners, Batavia, No. 3, 1894, and No. 13, 1884," notice is given that the buoys marking the position of the submarine telegraph cable on Anjer road and near Kolianda and Tjanté, Lampong bay, have been withdrawn.

This notice affects the charts: Nederlandsch Oost-Indië, blad I, 1867; Java Zee en aangr. vaarw. blad I, 1892; Java blad I, 1887; Straat Soenda, 1886; Westkust Java, Vierde punt tot Oud Anjer, 1885; Nobrdkust Java, blad I, 1887, and Sumatra, Lampong baai, 1886.

F. T. RAYNER, *Branch Pilot,*
for Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 5th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 40.

[Second Publication.]

NEW ZEALAND—AUCKLAND ISLANDS, &c.

Depôts of provision and clothing for castaways.

THE following Notice to Mariners No. 1, dated 5th January 1894, issued by the Government of New Zealand is republished for general information:—

Eleven of the crew of the barque *Spirit of the Dawn* which was wrecked on the Antipodes Island on the 4th September last having remained on the island for eighty-eight days without becoming aware of the existence of the depôt of provisions and clothing for castaways which is established there, it is thought advisable to draw the attention of mariners to the fact that such depôts are maintained by the New Zealand Government on that island and on the Auckland, Campbell, Bounty, and Kermadec Islands, and that it is proposed to establish one on the Snares.

The following are the positions of the depôts:—

Auckland Islands.—A depôt is placed on the south side of Erebus Cove, Port Ross, and another in Camp Cove, Carnley Harbour. A third will be placed at the head of Norman

Inlet the next time the Government steamer visits the islands. One boat is placed on the north-west end of Adams Island, another on Endeby Island, and one will be placed on Rose Island.

Campbell Island.—A depôt is erected in Tucker Cove, Perseverance Harbour, and a boat will be placed at the head of that harbour.

Antipodes Islands.—A depôt is placed abreast the anchorage on the north-east side of the principal island.

Bounty Islands.—There is a depôt on the principal island.

Snares Island.—A depôt will be established on this island the next time the *Hinemca* visits the place.

Kermadec Islands.—A depôt is established on Macaulay Island near Lava Cascade, on the north-east end of the Island, and another on Curtis Island, at the head of Macdonald Cove, on the north-western end of the island.

Finger-posts to indicate the direction of the depôts will be erected on the islands.

The Government steamer visits the Auckland, Campbell, Antipodes, Bounty, and Snares Islands twice a year, and the Kermadec Islands once a year.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 41.

[Second Publication.]

AFRICA, NORTH EAST-COAST—GULF OF ADEN, NORTH SHORE.

Aden—Intended replacement of temporary light-vessel by permanent light-vessel.

With reference to Notice to Mariners No. 256, dated 31st October last, issued by this office, the British Admiralty has given further notice (No. 47 of 1894) that on or about 15th February 1894, the temporary light-vessel moored off Ras Marbut, Aden harbour, will be replaced by the permanent light-vessel.

The characteristics of the permanent light and light-vessel are as given in List of Lights, part V., No. 56.

Approximate position, lat. $12^{\circ} 47\frac{1}{4}'$ N., long. $44^{\circ} 58\frac{1}{2}'$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 42.

[Second Publication.]

AUSTRALIA, NORTH-WEST COAST—ASHBURTON ISLAND.

Sunken reef—Ashburton road approach.

The British Admiralty has given notice (No. 42 of 1894) that the reef on which the steamer *New Guinea* struck is about half a cable in extent, with a least depth of 12 feet on it at low water springs and situated with Ashburton island bearing S.S.E. ($S. 22^{\circ}$ E.), distant $1\frac{1}{2}$ miles.

Approximate position, lat. $21^{\circ} 34\frac{1}{4}'$ S., long $114^{\circ} 54\frac{1}{2}'$ E.
(Variation nil in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 43.

[Second Publication.]

JAPAN—YEZO, SOUTH COAST.

Fog signals at Cape Yerimo light-house.

The British Admiralty has given notice (No. 40 of 1894) that on 1st January 1894 the following fog signals were established at Cape Yerimo light-house:—

Cape Yerimo principal fog signal consists of a steam siren, which during thick or foggy weather will give blasts of *seven seconds* duration separated by silent intervals of *twenty seconds*.

The auxiliary fog signal, to be used while steam is being got up or if an accident has happened to the steam siren, consists of an air siren, which during thick or foggy weather under the above circumstances, will give blasts of *six seconds* duration separated by silent intervals of *twenty seconds*.

Approximate position, lat. $41^{\circ} 56' N.$, long. $143^{\circ} 15' E.$

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 44.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Koninginne bay—Beacon on Pasir reef.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 5, dated Batavia, the 30th January 1894, is republished for general information:—

With reference to Notice to Mariners, No. 26, Batavia, 1891, notice is hereby given that the beacon on *Pasir reef* has been painted *black*.

This notice affects the charts: *Nederlandsch Oost-Indië* blad I, 1867; *Noordelijk gedeelte Sumatra*, 1893; *Westkust Sumatra, Padang tot Vlaktehoek*, 1857; *Westkust Sumatra Periaman tot Inderapoera*, 1878, and *Plaunen van Ankerplaa'sen, Westkust Sumatra* blad I, 1889.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 26th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 26.

[Third Publication.]

EASTERN ARCHIPELAGO—JAVA, NORTH COAST.

Breakers at Cheribon and Semarang.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 1, dated Batavia, 10th January 1894, is republished for general information:—

Notice is given that two breakwaters have been built at *Cheribon*. On the outer extremity of the Eastern mole, about 600 yards N. N. E. from the port light, is shown a small *fixed red light*.

Also that the piers at *Semarang* have been extended: the Eastern one for about 380 yards, the Western one for about 275 yards.

The small *fixed green and red lights* are accordingly moved forward, respectively to the outer extremity of the East and West piers.

Bearings true.

This notice affects the charts: *Nederlandsch Oost Indië*, blad II, 1867; *Java Zee en aangr. vaarw.* blad I, 1892, and blad II, 1887; *Java*, blad II, 1892; *Noordkust Java*, blad III, 1887, and blad IV, 1888; *Reede Cheribon*, 1886, and *Reede Semarang*, 1881.

II. JAVA, NORTH COAST—MADOERA STRAIT.

Visiblencess of electric lights.

Also that in the residencies *Perobolinggo* and *Besoeki*, many sugar-manufactories use during some months of the year, electric lights that are visible seaward from a great distance.

This notice affects the charts: *Nederlandsch Oost-Indië*, blad II, 1867; *Java Zee en aangr. vaarw.* blad II, 1887; *Java*, blad III, 1890; *Noordkust Java*, blad VI, 1889, and blad VII, 1890; *O. vaarwater van Soerabaja*, 1887; and *Reeden*: *Perobolinggo*, 1892; *Besoeki*, 1892, and *Panaroekan*, 1892.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 27.

[Third Publication.]

EASTERN ARCHIPELAGO—NEW GUINEA, WEST COAST.

Reef, north-west of Karas island.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 2, dated Batavia, 9th January 1894, is republished for general information :—

The Commander of H. N. M. *Pontianak* reports the existence of a sunken reef, with about 4 fathoms water on it, to the N.-W. ward of *Karas* or *Kani* island, west coast of *New Guinea*.

This reef, about 165 yards long in a N.-W. and S.-E. direction, and 110 yards broad, lies on the following bearings :—

S. extreme of <i>Karas</i> island	...	...	...	N. 135° E.
N. " " <i>Karas</i> island	...	...	...	N. 101° E.
S. " " <i>Palemoeni</i> peninsula	...	...	...	N. 76° E.
<i>Palemoeni</i> point	...	...	...	N. 12° E.

Bearings true.

This notice affects the chart: *Moluksche Archipel*, blad II, 1884.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 28.

[Third Publication.]

EASTERN ARCHIPELAGO—SOENDA STRAIT.

Telegraph light off the Fourth point of Java discontinued, and intended withdrawal of cable-buoys.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 3, dated Batavia, the 11th January 1894, is republished for general information :—

With reference to "Notices to Mariners No. 13, 1887, and No. 27, 1886," notice is given that on account of the removal of the telegraph-cable, the red telegraph-light, near the Fourth point of *Java*, showing the sector in which it was prohibited to anchor, has been discontinued.

Both the telegraph-cable-buoys will be withdrawn. In consequence of the abovementioned, ships may now anchor everywhere in Anjer road.

This notice affects the charts: *Nederlandsch Oest-Indië*, blad I, 1867; *Java Zee en aangr. vaarw.* blad I, 1892; *Java*, blad I, 1837; *Straat Soenda*, 1886; *Westkust Java*, *Vierde punt tot Oud Anjer*, 1885 and *Noordkust Java*, blad I, 1887.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secy, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 29.

[Third Publication.]

EASTERN ARCHIPELAGO, ARAFOERA SEA—AROE ISLANDS.

Reef between Djoeodin and Karang.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 4, dated Batavia, 17th January 1894, is republished for general information :—

The Commander of H. N. M. Surveying vessel *Banda* reports the existence of a sunken reef, about 1 cable across, with a least depth of $3\frac{1}{2}$ fathoms on it at low-water springs lying between the islets *Djoeodin* and *Karang*, *Aroe* group, and on the Southern edge of the 5 fathoms line of the *Djoeodin* group, or in approx. lat. $6^{\circ} 56' 26''$ S., long. $134^{\circ} 41' 17''$ E.

About $\frac{1}{2}$ cable southward of this reef soundings of 7 fathoms were obtained. The soundings between the reef and the *Djoeodin* group are generally shoaler than those heretofore charted.

This notice affects the charts: *Z. W. kust Nieuw Guinea*, 1885, and *Plannen van Ankerplaatsen in den Molukschen Archipel*, blad IV, 1889.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 30.

[Third Publication.]

AUSTRALIA, ENDEAVOUR STRAIT—THE BOAT CHANNEL AND NORMANBY SOUND.

Masters of vessels, Pearl-shellers, and others navigating these channels cautioned.

THE Portmaster, Brisbane, has given notice, dated 3rd January 1894, that Masters of vessels, pearl-shellers, and others navigating Endeavour strait, the Boat Channel between Prince of Wales and Horn islands, and Normanby Sound, are cautioned against anchoring their vessels near the route of the Submarine Telegraph Cable connecting Thursday island with the Mainland of Queensland, which is as follows:—

From Paterson in a north-westerly direction, passing about half-a-mile south of Dayman and Little Woody islands to the southern entrance of the Boat Channel between Horn and Prince of Wales islands; thence through that channel in a west-north-westerly direction, passing about midway between the western edge of Madge Reef and Heath Point; and thence in a northerly direction to Thursday island.

The route of the cable across Normanby sound is north and south, and is indicated by a triangular black beacon (on a hill at Vivien point) in line with the cable house painted red near the Government Residency, and a white square beacon on Prince of Wales island.

Special attention to this notice is requested, as telegraphic communication with Thursday island is of great public importance, the cable referred to having been recently repaired at considerable expense.

Sections 121 and 124 of "The Post and Telegraph Act, 1891", are hereby quoted for general information:—

Any person who—

- (1) Unlawfully or maliciously cuts, breaks, throws down, injures or removes any battery, machinery, wire, cable, post, or other matter or thing whatsoever, being part of any apparatus used or employed in or about any telegraph, or in the working thereof, or
 - (2) Unlawfully or maliciously prevents or obstructs in any manner whatsoever the sending, conveyance, or delivery of any communication by telegraph,
- shall be guilty of a misdemeanour, and shall be liable to imprisonment, with or without hard labour, for any term not exceeding three years.

Provided that if it appears to a justice, on the examination of a person charged with an offence against this section, that it is not expedient to the ends of justice that the same should be prosecuted as an indictable offence, one justice may proceed summarily to hear and determine the same, and the offender may, on conviction, be imprisoned for any term not exceeding three months, or be ordered to pay a penalty not exceeding twenty pounds.

Any person who negligently breaks or injures any post, wire, or material, belonging to or used in connection with any telegraph, shall be liable to a penalty not exceeding five pounds.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 31.

[Third Publication.]

AUSTRALIA—WIDE BAY BAR.

Alteration in leading beacons—Main channel.

THE Portmaster, Brisbane, has given notice (No. 2 of 1894) that the square beacons on Hook Point, which lead through the north or main channel across Wide Bay Bar, have been shifted, and are now to be kept in line when entering instead of being kept open to the northward as formerly.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 32.

[Third Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACHES.

Pinnacle on the Western Bramble Patch.

THE Portmaster, Brisbane, has given notice (No. 3 of 1894) that Lieutenant and Commander Heming, of H.M.S. *Paluma*, reports having discovered a pinnacle on the western

Bramble Patch, with only $2\frac{1}{2}$ fathoms on it. This patch is shown on the Admiralty Chart to have 4 fathoms on it. It lies $8\frac{1}{2}$ miles N. 74° E. from the Proudfoot Shoal Light-vessel.

Geographical position.

Latitude ...	...	...	...	$10^{\circ} 30' 45''$ S.
Longitude	...	...	...	$141^{\circ} 36' 00''$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 17th February 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 33.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

The shoal reported off the Krishna light vessel does not exist.

With reference to Notice to Mariners, No. 293, dated the 19th December 1893, issued by this office, the Port Officer, Rangoon, has given notice that on soundings being taken by the Commander of the R. I. M. S. *Dalhousie* on the 19th January last, it has been found that the shoal reported by the Master of the S. S. *Vita*, off the Krishna light vessel, does not exist.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 19th February 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 34.

[Third Publication.]

PACIFIC OCEAN—LOUISIADÉ ARCHIPELAGO.

Coral shoal north-eastward of Emerald reef.

The British Admiralty has given notice (No. 28 of 1894) of the existence of a coral shoal, the extent of which was not ascertained, with apparently depths of 3 to 4 fathoms on its shoalest part, situated approximately in lat. $10^{\circ} 29\frac{1}{2}'$ S., long. $151^{\circ} 40\frac{1}{2}'$ E. A depth of 25 fathoms, shells and coral, was obtained close northward of the shoal.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 19th February 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 35.

[Third Publication.]

KOREA, WEST COAST—CLUMP GROUP.

Shoal reported eastward of North Rocky island.

The British Admiralty has given notice (No. 29 of 1894) of the existence of a sandy shoal on which the Japanese steamer *Kisogawamaru* drawing $9\frac{1}{2}$ feet water forward and $12\frac{1}{2}$ feet aft, struck at low water on 25th October 1893, lying with North Rocky island bearing W. $\frac{1}{2}$ N. (N. 87° W.), distant one mile, or approximately, in lat. $35^{\circ} 2\frac{1}{4}'$ N., long. $125^{\circ} 59\frac{1}{2}'$ E. (Variation 4° Westerly in 1894.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 19th February 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 36.

[Third Publication.]

CHINA, EAST COAST—YANG TSE KIANG APPROACH.

Mud bank north-westward of Shaweishan island.

The British Admiralty has given notice (No. 30 of 1894) of the existence of a mud bank dry at low water, from which Shaweishan island bears S. E. (S. 45° E.), distant 10 miles.

Approximate position: lat. 31° 32' N., long. 122° 5' E.

Variation 2° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 37.

[Third Publication.]

CHINA, EAST COAST—YANG TSE KIANG APPROACH.

Shaweishan or North Channel—Alterations in banks, islands, and buoyage.

THE British Admiralty has given notice (No. 31 of 1894) that in consequence of recent alterations in certain of the banks and islands in Shaweishan or North channel, the buoyage of that channel is now arranged as follows:—

1. Chi Yao bank, south-westward of Drinkwater point, has extended to the southward.

Chi Yao buoy, marking the south-eastern extreme of the bank, is a conical red buoy, surmounted by a black spherical cage, moored on the starboard side of the channel entering from seaward, with Drinkwater point surveying beacon, bearing N.N.E. $\frac{1}{4}$ E. (N. 31° E.), distant 2 miles; and Nest tree (Sha Ku Chiao), N.W. by W. (N. 56° W.).

Approximate position, lat. 31° 26' N., long. 121° 47' 50" E.

2. The edge of the bank on the southern side of the channel, north-eastward of Middle island, is washing away.

Middle island buoy, marking the northern extreme of this bank, is a conical black buoy surmounted by a black cage in the form of a frustrum with the small part downwards, moored on the port side of the channel, entering from seaward, with Blockhouse island surveying beacon, bearing S. 10° E. (S. $\frac{7}{8}$ E.); distant 6½ miles; and Drinkwater point beacon, E. $\frac{1}{4}$ S. (S. 82° E.).

Approximate position, lat. 31° 28' 30" N., long. 121° 39' 40" E.

3. Tsung ming bank is extending to the southward and eastward, and the northern coast of Bush island and the north-west point of Middle island are washing away.

Tsung ming bank buoy, marking the south-eastern elbow of Tsung ming bank, is a conical red buoy, surmounted by a black spherical cage, moored on the starboard side of the channel entering from seaward, with High dark tree on Tsung ming island, bearing N.E. $\frac{1}{4}$ E. (N. 47° E.), distant 4 miles; and middle island beacon, S. E. $\frac{1}{4}$ E. (S. 53° E.).

Approximate position, lat. 31° 28' 15" N., long. 121° 32' 45" E.

NOTE.—Vessels entering by Shaweishan channel should, after passing Tsung ming buoy, steer to pass about 2 cables northward of Bush island.

(Variation 2° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 19th February 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 38.

[Third Publication.]

SOUTH PACIFIC OCEAN—SOLOMON ISLANDS.

Rendova (Hammond) island—Shoal in Rendova harbour.

THE British Admiralty has given notice (No. 32 of 1894) of the existence of a shoal in Rendova harbour, with a depth of 1½ fathoms on it, lying with Simpson island south-east point bearing N.E. $\frac{1}{8}$ N. (N. 43° E.), distant 1½ cables; and Grove island, centre E. by S. $\frac{1}{4}$ S. (S. 0° E.).

Approximate position, lat. 8° 23' 35" S., long. 157° 15' 10" E.

The patch, marked 1½ on the plan, half a cable northward of this position, has a least depth of 3 fathoms on it.

(2) *Amended position of Brougham shoal.*

Also, that Brougham shoal is about 1½ miles in diameter, and lies with cape Pitt, bearing N. by W. $\frac{3}{4}$ W. (N. 15° W.), distant 12 miles; and Murray island, E. by N. (N. 79° E.). The least depth has not yet been ascertained, but the shoal is plainly visible under favourable conditions of light.

Approximate position, lat. 9° 2' S., long. 158° 14' E.

(Variation, 8° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 19th February 1894.

Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 39.

[Third Publication.]

JAPAN—Kiusiu.

Nagasaki harbour—Sunken wrecks.

THE British Admiralty has given notice (No. 33 of 1894) that the following information, dated 17th October 1893 (1) and 4th December 1893 (2), relating to sunken wrecks in Nagasaki harbour, has been received from H. M. Ships *Leander* and *Imperieuse* :—

1. A junk, with about 8 feet of one mast, having sail and bamboo attached, showing at high water, lies sunk in the middle of the fairway of Nagasaki harbour, in a position with Minage point (Observation rock), bearing N. $\frac{1}{2}$ E. (N. 5° E.), distant 4½ cables; and Nabe-kamuri yama, E. $\frac{3}{4}$ S. (S. 81° E.).

Approximate position, lat. 32° 44' N., long. 129° 51' 10" E.

2. A junk, or obstruction to navigation, lies sunk with a depth of about 23 feet over it and depths of 7 to 9 fathoms westward and eastward, in a position eight-tenths of a cable north of wreck No. 1.

(Variation 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

CALCUTTA, the 19th February 1894.

Under-Secretary, Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MARCH 14, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 46.

[First Publication.]

AUSTRALIA—MORETON BAY, NORTH ENTRANCE.

Conical buoy away from position.

THE Portmaster, Brisbane, has given notice (No. 4 of 1894) that during the recent heavy weather the Black Conical buoy at the entrance to the north channel Moreton bay has been washed away from its position. It will be replaced temporarily by an ordinary Black Can buoy.

F. T. RAYNER, B.P.,
for Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 12th March 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 47.

[First Publication.]

AUSTRALIA—BASS STRAIT—BANKS STRAIT.

Swan island—Exhibition and alteration of permanent light.

THE British Admiralty has given notice (No. 60 of 1894) that, on 1st January 1894, the permanent light (altered as given below) would be exhibited from the light-house on the north-east point of Swan island, and the temporary light (*revolving white*) would be discontinued :—

Swan island permanent light is a *white* light, *fixed*, and *flashing every minute*, elevated 100 feet above the sea, and visible in clear weather from a distance of 15 miles.

The light-house is a white tower.

Approximate position, lat. $40^{\circ} 43' 40''$ S., long. $148^{\circ} 7' 50''$ E.

F. T. RAYNER, B.P.,
for Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 12th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 48.

[First Publication.]

NEW ZEALAND—Cook Strait.

Stephen's island—Exhibition of group flashing light.

WITH reference to Notice to Mariners (No. 270, dated the 25th November last), issued by this office, the British Admiralty has given further notice (No. 67 of 1894) that on 29th January 1894 the light would be exhibited from the light-house recently erected on the northern end of Stephen's island:—

Stephen's island light is a first order group flashing white light, showing two flashes in quick succession every thirty seconds, elevated 600 feet above the sea, and visible in clear weather from a distance of 32 miles, except where hidden by the higher land of Stephen's island.

The light-house, 50 feet in height, is an iron tower, painted white.

Approximate position on chart No. 2684, lat. $40^{\circ} 40' S.$, long. $174^{\circ} 1' E.$

F. T. RAYNER, B.P.,
for Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 12th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 49.

[First Publication.]

NEW ZEALAND—SOUTH ISLAND.

Oreti (new) river—Alterations in channel at entrance.

THE British Admiralty has given notice (No. 68 of 1894) that the following alterations have taken place at the entrance to Oreti (new) river, approach to Invercargill:—

The old channel, from abreast Flagstaff point to about one cable below Bombay rock has been closed by an accumulation of sand.

A new channel, with a depth of 6 to 7 feet in it at low water, has opened in an E. by N. direction through the banks northward of Flagstaff point, the entrance to this channel being situated about N. by W. $\frac{1}{2}$ W. ($N. 17^{\circ} W.$), distant 2 cables from that point.

Two red buoys, to be left on the starboard hand when entering from seaward, have been moored, one within the bar, the other at the eastern end of the new channel; a black buoy, to be left on the port hand entering, is moored on the northern side of the new channel.

Approximate position, Flagstaff point, lat. $46^{\circ} 31' 20'' S.$, long. $168^{\circ} 15' 40'' E.$

(Variation, 16° Easterly in 1894.)

F. T. RAYNER, B.P.,
for Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 12th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 60.

[First Publication.]

NEW ZEALAND—STEWART ISLAND, EAST COAST.

Sunken rocks in Halfmoon bay and Abbott passage.

NOTICE to Mariners, No. 69 of 1894, issued by the British Admiralty is republished:—

The following information, dated 23rd December 1893, relating to rocks on the east coast of Stewart island, has been received from H.M.S. *Lizard*:—

1. A sunken rock, marked by kelp, and with a depth of 10 feet on it at low-water springs, lies on the northern side of Halfmoon bay, with Aker's point, north extreme, bearing E. $\frac{1}{2}$ S. ($S. 88^{\circ} E.$), distant 6 cables; and islet in Halfmoon bay, S. $\frac{1}{2}$ W. ($S. 5^{\circ} W.$).

Approximate position on chart No. 2553, lat. $46^{\circ} 54' S.$, long. $168^{\circ} 10' E.$

2. The fishermen at Oban, Halfmoon bay, report the existence of a rock, with a depth of about 18 feet on it at low-water springs, situated about S.S.W. $\frac{1}{2}$ W. ($S. 28^{\circ} W.$), distant $6\frac{1}{2}$ cables from the south extreme of Boat Refuge island, northern side of Abbott passage.

This rock was unsuccessfully searched for in the above position by H.M.S. *Lizard* on 20th December 1893.

Approximate position on chart No. 2553, to be considered doubtful, lat. $46^{\circ} 53' S.$, long. $168^{\circ} 14' E.$

(Variation, 17° Easterly in 1894.)

F. T. RAYNER, B.P.,
for Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 45.

[Second Publication.]

EASTERN ARCHIPELAGO—STRAIT OF MANGKASAR.

Seonda strait--Withdrawal of telegraph cable buoys.

WITH reference to Notice to Mariners No. 51, dated the 25th February 1893, issued by this office, the following Notice to Mariners by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 6, dated Batavia, the 8th February 1894, is republished for general information:—

With reference to "Notices to Mariners, Batavia, No. 3, 1894, and No. 13, 1884," notice is given that the buoys marking the position of the submarine telegraph cable on Anjer road and near Kalianda and Tjanté, Lampong bay, have been withdrawn.

This notice affects the charts: Nederlandsch Oost-Indië, blad I, 1867; Java Zee en aangr. vaarw. blad I, 1892; Java blad I, 1887; Straat Soenda, 1886; Westkust Java, Vierde punt tot Oud Anjer, 1885; Noordkust Java, blad I, 1887, and Sumatra, Lampong baai, 1886.

F. T. RAYNER, Branch Pilot,
for Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 5th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 40.

[Third Publication.]

NEW ZEALAND—AUCKLAND ISLANDS, &c.

Depôts of provision and clothing for castaways.

THE following Notice to Mariners No. 1, dated 5th January 1894, issued by the Government of New Zealand is republished for general information:—

Eleven of the crew of the barque *Spirit of the Dawn* which was wrecked on the Antipodes Island on the 4th September last having remained on the island for eighty-eight days without becoming aware of the existence of the depôt of provisions and clothing for castaways which is established there, it is thought advisable to draw the attention of mariners to the fact that such depôts are maintained by the New Zealand Government on that island and on the Auckland, Campbell, Bounty, and Kermadec Islands, and that it is proposed to establish one on the Snares.

The following are the positions of the depôts:—

Auckland Islands.—A depôt is placed on the south side of Erebus Cove, Port Ross, and another in Camp Cove, Carnley Harbour. A third will be placed at the head of Norman Inlet the next time the Government steamer visits the islands. One boat is placed on the north-west end of Adams Island, another on Enderby Island, and one will be placed on Rose Island.

Campbell Island.—A depôt is erected in Tucker Cove, Perseverance Harbour, and a boat will be placed at the head of that harbour.

Antipodes Islands.—A depôt is placed abreast the anchorage on the north-east side of the principal island.

Bounty Islands.—There is a depôt on the principal island.

Snares Island.—A depôt will be established on this island the next time the *Hinemca* visits the place.

Kermadec Islands.—A depôt is established on Macaulay Island near Lava Cascade, on the north-east end of the Island, and another on Curtis Island, at the head of Macdonald Cove, on the north-western end of the island.

Finger-posts to indicate the direction of the depôts will be erected on the islands.
The Government steamer visits the Auckland, Campbell, Antipodes, Bounty, and Suares Islands twice a year, and the Kermadec Islands once a year.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.
CALCUTTA, the 24th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 41.

[Third Publication.]

AFRICA, NORTH EAST-COAST—GULF OF ADEN, NORTH SHORE.

Aden—Intended replacement of temporary light-vessel by permanent light-vessel.

WITH reference to Notice to Mariners No. 256, dated 31st October last, issued by this office, the British Admiralty has given further notice (No. 47 of 1894) that on or about 15th February 1894, the temporary light-vessel moored off Ras Marbut, Aden harbour, will be replaced by the permanent light-vessel.

The characteristics of the permanent light and light-vessel are as given in List of Lights, part V., No. 56.

Approximate position, lat. $12^{\circ} 47\frac{1}{2}'$ N., long. $44^{\circ} 58\frac{1}{2}'$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.
CALCUTTA, the 24th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 42.

[Third Publication.]

AUSTRALIA, NORTH-WEST COAST—ASHBURTON ISLAND.

Sunken reef—Ashburton road approach.

THE British Admiralty has given notice (No. 42 of 1894) that the reef on which the steamer *New Guinea* struck is about half a cable in extent, with a least depth of 12 feet on it at low water springs and situated with Ashburton island bearing S.S.E. (S. 22° E.), distant $1\frac{1}{2}$ miles.

Approximate position, lat. $21^{\circ} 34\frac{1}{2}'$ S., long. $114^{\circ} 54\frac{1}{2}'$ E.

(Variation nil in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.
CALCUTTA, the 24th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 43.

[Third Publication.]

JAPAN—YEZO, SOUTH COAST.

Fog signals at Cape Yerimo light-house.

THE British Admiralty has given notice (No. 40 of 1894) that on 1st January 1894 the following fog signals were established at Cape Yerimo light-house:—

Cape Yerimo principal fog signal consists of a steam siren, which during thick or foggy weather will give blasts of *seven seconds* duration separated by silent intervals of *twenty seconds*.

The auxiliary fog signal, to be used while steam is being got up or if an accident has happened to the steam siren, consists of an air siren, which during thick or foggy weather under the above circumstances, will give blasts of *six seconds* duration separated by silent intervals of *twenty seconds*.

Approximate position, lat. $41^{\circ} 56'$ N., long. $143^{\circ} 15'$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.
CALCUTTA, the 24th February 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 44.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Koninginne bay—Beacon on Pasir reef.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 5, dated Batavia, the 30th January 1894, is republished for general information:—

With reference to Notice to Mariners, No. 26, Batavia, 1891, notice is hereby given that the beacon on *Pasir* reef has been painted *black*.

This notice affects the charts: *Nederlandsch Oost-Indië* blad I, 1867; *Noordelijk gedeelte Sumatra*, 1893; *Westkust Sumatra, Padang tot Vlakkehoek*, 1887; *Westkust Sumatra Periaman tot Inderapoera*, 1878, and *Plannen van Ankerplaatsen, Westkust Sumatra* blad I, 1889.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 26th February 1894.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MARCH 21, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 51.

[First Publication.]

JAPAN—KIUSIU.

Nagasaki harbour—Sunken rock.

WITH reference to Notice to Mariners, No. 39, dated 19th February last, issued by this office, the British Admiralty has given further notice (No. 74 of 1894) that information has been received that the obstruction to navigation in Nagasaki harbour, reported by H. M. S. *Imperieuse*, has been found by the French vessel-of-war *Triomphante* to be a rock, with a depth of 21 feet on it at low-water springs, having depths of 5 fathoms at a distance of 30 yards northward, eastward and westward, and 60 yards southward of it.

This rock lies with Minage Point, bearing N. by E. $\frac{1}{2}$ E. (No. 13° E.), distant $3\frac{1}{2}$ cables; and Nabekamuri yama E. by S. $\frac{1}{2}$ S. (73° E.).

Approximate position, lat. $32^{\circ} 44' 5''$ N., long. $129^{\circ} 51' 10''$ E.

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 17th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 52.

[First Publication.]

CHINA SEA—GULF OF SIAM.

Koh Sichong harbour—Buoy marking rocks eastward of Lem Tarote.

THE British Admiralty has given notice (No. 75 of 1894) that information has been received from the Commander-in-Chief, China station, that H.M.S. *Swift* reports that a patch of rocks with depths of 2 to 9 feet on them exists on the edge of the three fathoms bank between Lem Wat and Lem Tarote.

The eastern side of this rocky patch is marked by a red buoy, from which the hotel at Ban Tarote bears W. $\frac{1}{4}$ N. (N. 88° W.), distant $3\frac{2}{3}$ cables; and Lem Wat obelisk S.S.E. $\frac{1}{2}$ E. (24° E.).

Approximate position, buoy, lat. $13^{\circ} 9' 30''$ N., long. $100^{\circ} 47' 45''$ E.

(Variation, 3° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 17th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 53.

[First Publication.]

INDIAN OCEAN—KERGUELEN, ST. PAUL, AND AMSTERDAM ISLANDS.

• *Establishment of Provision depôts.*

THE British Admiralty has given notice (No. 79 of 1894) that depôts containing provisions and clothing, for the use of ship-wrecked seamen have been established by the vessel-of-war *Eure* on Kerguelen, St. Paul, and Amsterdam islands:—

1. *Kerguelen island.* The depôt is situated in the south-eastern part of Jachmann peninsula, Hillsborough bay, near the south-western shore of the eastern lake, and about half a mile northward of the coast, opposite Gazelle basin. It is in a cave at the foot of the west cliff of a rocky chasm, running north and south, and its position is indicated by a stone cairn, 11½ feet in height, and about 14 feet broad at the base, erected on the summit of the west cliff of the chasm.

This cairn, visible from Gazelle basin, is painted black, and shows clearly against the grey rocks which form the background.

The entrance to the cave has been closed by large stones, and on the cliff a few yards above it is the inscription:—

Vivres et Vêtements, Eure, Janvier 1893.

Approximate position, lat. 49° 16' 45" S., long. 69° 40' 30" E.

This depôt contains:—

- 2,250 lbs. of preserved beef in boxes of 9 lbs.
- 1,125 lbs. of biscuits.
- 20 swan-skin shirts.
- 20 pairs of woollen drawers.
- 20 woollen blankets.
- 4 packets of matches.

The boxes of preserved beef are stowed in a pile, coated with coal tar. The biscuits are in 4-iron hooped barrels, thickly covered with coal tar. The clothes are in 2 similar barrels. The matches are in a box, similar to the beef boxes, painted with minium (red lead) and with a label of the contents on it.

In the event of the cairn being destroyed, the following directions should be followed to find the depôt. Land on the north side of the inlet opposite Gazelle basin, in a small creek, sheltered by a rocky point, where boats may go alongside under any circumstances of wind or tide. Proceed directly inland about half a mile as far as the shore of the lake, then turn to the westward and follow the lake to its western end, where the chasm in which the depôt is situated will be seen on the left hand.

2. *St. Paul island.*—The depôt is in a hut of rough stones with a thatched roof, situated on the northern side of the crater, near the jetty and about 50 yards from the flagstaff:—

Approximate position, lat. 38° 42' 45" S., long. 77° 34' 40" E.

This depôt contains:—

- 1,350 lbs. of preserved beef in boxes of 9 lbs.
- 1,125 lbs. of biscuits.
- 10 woollen shirts.
- 10 blankets.

One soldered metal box containing 4 packets of matches.

The provisions and clothes are in 13 iron-hooped barrels, coated with tar and sand, and placed under a tarpaulin. On the door of the hut is the inscription, *France, Vivres et Vêtements pour naufragés, Eure, Janvier 1893*; and a similar inscription is on a board within the hut.

3. *Amsterdam island.*—The depôt is in a large cavern, on the side of a hill, about W. by S. ½ S. (S. 73° W.) 800 yards from Hosken Point, the north-east extreme of the island, and bears W. ½ N. (N. 85° W.), distant about 600 yards from the first flagstaff southward of that point.

At the entrance to the cavern is a board, fixed to two upright tarred posts, with the inscription, *France, Vivres, Vêtements pour naufragés Eure, Janvier 1893*, on it.

This depôt contains:—

- 1,350 lbs. of preserved beef.
- 1,125 lbs. of biscuits.
- 10 woollen shirts.
- 10 pairs cotton drawers.
- 10 blankets.

One soldered metal red box, containing 4 packets of matches.

Approximate position, lat. 37° 48' 50" S., long. 77° 32' 30" E.

The landing place used by the *Eure* is about 400 yards southward of Hosken Point, and under the flagstaff mentioned above.

*Directions for finding the depôt on Amsterdam:—*Having landed, go to either of the flagstuffs, from whence a cross will be seen; from the cross follow the direction of its arms, leading past two ruins of rough stones, and then directly to the cavern, the entrance to which faces seaward. In the cavern, besides the provisions and clothing, there are cots, a cooking pot, and dry wood, left by the fishermen who sometimes live there. Cabbage and celery will be found near, and fish and lobsters (crawfish) abound near the landing place.

(Variation (3) 21° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 54.

[First Publication.]

PACIFIC OCEAN—GILBERT ISLANDS.

Sunken rocks in Peacock anchorage—Taputeuea.

THE British Admiralty has given notice (No. 85 of 1894) of the existence of a dangerous patch of rocks, about 4 cables in extent, north and south, and on which a depth of 16 feet was obtained (although probably there is less water), lying in the south-eastern part of Peacock anchorage, west side of Taputeuea (Drummond atoll):—

From these rocks, locally known as Horses' heads, the sand bank marked Cov. H. W. Sp. bears E.S.E. (S. 67° E.), distant three-quarters of a mile; and the west extreme of Utiroa N.N.W. $\frac{3}{4}$ W. (N. 31° W.).

Approximate position, lat. 1° 13' S., long. 174° 41 $\frac{3}{4}$ ' E.

(Variation, 9° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL.—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 55.

[First Publication.]

AUSTRALIA, SOUTH—PORTS ADELAIDE, AUGUSTA, PIRIE.

Particulars of result of Tidal Observations.

THE Secretary, Marine Board, Port Adelaide, has given notice, dated 6th February last, that the following particulars show the result of Tidal Observations at ports Adelaide, Augusta, and Pirie, for the month of December 1893:—

Port Adelaide.

	Date.	Hour.	Ft. In.
Highest tide at high water	... 11th December, 1893	... 5 0 a.m.	... 29 6
Lowest " " "	... 3rd " "	... 11 0 a.m.	... 23 1
Highest water at low water	... 18th " "	... 3 30 a.m.	... 24 1
Lowest " " "	... 8th " "	... 10 30 a.m.	... 19 10

Of the 60 Observations at high water during the month:—

4 between 23 and 24 feet.	10 between 27 and 28 feet.
7 " 24 " 25 "	7 " 28 " 29 "
21 " 25 " 26 "	2 " 29 " 30 "
9 " 26 " 27 "	

Port Augusta.

	Date.	Hour.	Ft. In.
Highest tide at high water	... 11th December, 1893	... 9 0 a.m.	... 31 3
Lowest " " "	... 19th " "	... 7 0 p.m.	... 23 6
Highest water at low water	... 17th " "	... 5 0 a.m.	... 23 9
Lowest " " "	... 23rd " "	... 3 0 p.m.	... 17 6

Of the 62 Observations at high water during the month:—

5 between 23 and 24 feet.	8 between 28 and 29 feet.
5 " 24 " 25 "	10 " 29 " 30 "
12 " 25 " 26 "	1 " 30 " 31 "
13 " 26 " 27 "	1 " 31 " 32 "
7 " 27 " 28 "	

				Port Pirie.			
				Date.	Hour.	Ft. In.	
Highest tide at high water	...	11th December, 1893	...	8 20	a.m.	23	10
Lowest " " "	...	3rd " "	...	5 50	p.m.	13	4
Highest water at low water	...	17th " "	...	6 0	a.m.	17	8
Lowest " " "	...	8th " "	...	2 15	p.m.	12	3

Of the 59 Observations at high water during the month :—

2 between 16 and 17 feet.				2 between 20 and 21 feet.			
9	"	17	"	10	"	21	"
13	"	18	"	5	"	22	"
15	"	19	"	3	"	23	"

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 46.

[Second Publication.]

AUSTRALIA—MORETON BAY, NORTH ENTRANCE.

Conical buoy away from position.

THE Portmaster, Brisbane, has given notice (No. 4 of 1894) that during the recent heavy weather the Black Conical buoy at the entrance to the north channel Moreton bay has been washed away from its position. It will be replaced temporarily by an ordinary Black Can buoy.

F. T. RAYNER, B.P.,
for Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 47.

[Second Publication.]

AUSTRALIA—BASS STRAIT—BANKS STRAIT.

Swan island—Exhibition and alteration of permanent light.

THE British Admiralty has given notice (No. 60 of 1894) that, on 1st January 1894, the permanent light (altered as given below) would be exhibited from the light-house on the north-east point of Swan island, and the temporary light (*revolving white*) would be discontinued :—

Swan island permanent light is a *white* light, *fixed*, and *flashing every minute*, elevated 100 feet above the sea, and visible in clear weather from a distance of 15 miles.

The light-house is a white tower.

Approximate position, lat. $40^{\circ} 48' 40''$ S., long. $148^{\circ} 57' 50''$ E.

F. T. RAYNER, B.P.,
for Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 48.

[Second Publication.]

NEW ZEALAND—COOK STRAIT.

Stephen's island—Exhibition of group flashing light.

WITH reference to Notice to Mariners (No. 270, dated the 25th November last), issued by this office, the British Admiralty has given further notice (No. 67 of 1894) that on 29th

January 1894 the light would be exhibited from the light-house recently erected on the northern end of Stephen's island :—

Stephen's island light is a first order *group flashing white* light, showing *two flashes* in quick succession *every thirty seconds*, elevated 600 feet above the sea, and visible in clear weather from a distance of 32 miles, except where hidden by the higher land of Stephen's island.

The light-house, 50 feet in height, is an iron tower, painted white.

Approximate position on chart No. 2684, lat. $40^{\circ} 40' S.$, long. $174^{\circ} 1' E.$

F. T. RAYNER, B.P.,
for Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 12th March 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 49.

[Second Publication.]

NEW ZEALAND—SOUTH ISLAND.

Oreti (new) river—Alterations in channel at entrance.

THE British Admiralty has given notice (No. 68 of 1894) that the following alterations have taken place at the entrance to Oreti (new) river, approach to Invercargill :—

The old channel, from abreast Flagstaff point to about one cable below Bombay rock has been closed by an accumulation of sand.

A new channel, with a depth of 6 to 7 feet in it at low water, has opened in an E. by N. direction through the banks northward of Flagstaff point, the entrance to this channel being situated about N. by W. $\frac{1}{2}$ W. (N. 17° W.), distant 2 cables from that point.

Two red buoys, to be left on the starboard hand when entering from seaward, have been moored, one within the bar, the other at the eastern end of the new channel; a black buoy, to be left on the port hand entering, is moored on the northern side of the new channel.

Approximate position, Flagstaff point, lat. $46^{\circ} 31' 20'' S.$, long. $168^{\circ} 15' 40'' E.$

(Variation, 16° Easterly in 1894.)

F. T. RAYNER, B.P.,
for Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 12th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 50.

[Second Publication.]

NEW ZEALAND—STEWART ISLAND, EAST COAST.

Sunken rocks in Halfmoon bay and Abbott passage.

NOTICE to Mariners, No. 69 of 1894, issued by the British Admiralty is republished :—

The following information, dated 23rd December 1893, relating to rocks on the east coast of Stewart island, has been received from H.M.S. *Lizard* :—

1. A sunken rock, marked by kelp, and with a depth of 10 feet on it at low-water springs, lies on the northern side of Halfmoon bay, with Aker's point, north extreme, bearing E. $\frac{1}{2}$ S. (S. 88° E.), distant 6 cables; and islet in Halfmoon bay, S. $\frac{1}{2}$ W. (S. 5° W.).

Approximate position on chart No. 2553, lat. $46^{\circ} 54' S.$, long. $168^{\circ} 10' E.$

2. The fishermen at Oban, Halfmoon bay, report the existence of a rock, with a depth of about 18 feet on it at low-water springs, situated about S.S.W. $\frac{1}{2}$ W. (S. 28° W.), distant $6\frac{1}{2}$ cables from the south extreme of Boat Refuge island, northern side of Abbott passage.

This rock was unsuccessfully searched for in the above position by H.M.S. *Lizard* on 20th December 1893.

Approximate position on chart No. 2553, to be considered doubtful, lat. $46^{\circ} 53' S.$, long. $168^{\circ} 14' E.$

(Variation, 1° Easterly in 1894.)

F. T. RAYNER, B.P.,
for Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 12th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 45.

[Third Publication.]

EASTERN ARCHIPELAGO—STRAIT OF MANGKASAR.

Secunda strait--Withdrawal of telegraph cable buoys.

WITH reference to Notice to Mariners No. 51, dated the 25th February 1893, issued by this office, the following Notice to Mariners by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 6, dated Batavia, the 8th February 1894, is republished for general information:—

With reference to "Notices to Mariners, Batavia, No. 3, 1894, and No. 13, 1884," notice is given that the buoys marking the position of the submarine telegraph cable on Anjer road and near Kalianda and Tjanté, Lampong bay, have been withdrawn.

This notice affects the charts: Nederlandsch Oost-ludië, blad I, 1867; Java Zee en aangr. vaarw. blad I, 1892; Java blad I, 1887; Straat Soenda, 1886; Westkust Java, Vierde punt tot Oud Anjer, 1885; Noordkust Java, blad I, 1887, and Sumatra, Lampong baai, 1886.

F. T. RAYNER, *Branch Pilot,*
for Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 5th March 1894.

NOTIFICATION.

It is hereby notified for general information that, under section 33 of Act IV (B.C.) of 1887, the Lieutenant-Governor of Bengal has sanctioned a charge of Rs. 2 per day being levied on all vessels using the Moiscally creek for repairs, &c.

E. GOOD, *Vice-Chairman, Port Commrs.*

(1071—1)

CHITTAGONG, the 14th March 1894.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MARCH 28, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 56.

[First Publication.]

EASTERN ARCHIPELAGO—SINGAPORE, NEW HARBOUR.

Entry of Foreign men-of-war.

THE following Notice to Mariners issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 7, dated Batavia, the 24th February 1894, is republished:—

Information has been received from the "Colonial Secretary" at Singapore that all restrictions upon the entry of foreign transports and of men-of-war into the *New Harbour, Singapore*, have been withdrawn by the instructions of Her Majesty's Government. (See Notice to Mariners, No. 10, Batavia, 1890.)

The only case in which the entry of a foreign ship of war or a transport is likely to be prohibited in time of peace is where no room is available, having regard to the general convenience of the port.

It will not be necessary in future to apply for permission for the entry of a man-of-war or transport into *New Harbour*.

This notice affects the charts: *Nederlandsch Oost-Indië*, blad I, 1867; *Zuidelijk gedeelte Chineesche Zee*, blad I, 1893 and *Riouw en Linga Archipel*, blad I, 1891.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 26th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 57.

[First Publication.]

EASTERN ARCHIPELAGO—LOMBOK ISLAND, WEST COAST.

Unsuccessful search for reported sunken reef.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 8, dated Batavia, the 4th February 1894, is republished:—

With reference to "Notice to Mariners, No. 24, Batavia 1892," notice is given that the Commander of H. N. M. *Prins Hendrik der Nederlanden* has made a careful examination under favourable circumstances for the reef reported in 1892 by H. N. M. *Koningin Emma der Nederlanden* as to exist in a position about 1,420 yards southward from the coral bank westward of *Singigi*, west coast of *Lombok* island; but no indications of its existence were observed, and the depths found were 19 to 27 fathoms.

This reef has therefore been expunged from the charts.

This notice affects the charts: *Nederlandsch Oost-Indië*, blad II, 1867; *Kleine Soenda Eilanden en aangr. vaarwaters*, blad I, 1891; *Eilanden en vaarw. beoosten Java*, blad I, 1892, and *Plannen van Ankerpl. Kleine Soenda Eilanden*, blad I, 1893.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 26th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 51.

[Second Publication.]

JAPAN—KIUSIU.

Nagasaki harbour—Sunken rock.

WITH reference to Notice to Mariners, No. 39, dated 19th February last, issued by this office, the British Admiralty has given further notice (No. 74 of 1894) that information has been received that the obstruction to navigation in Nagasaki harbour, reported by H. M. S. *Imperieuse*, has been found by the French vessel-of-war *Triomphante* to be a rock, with a depth of 21 feet on it at low-water springs, having depths of 5 fathoms at a distance of 30 yards northward, eastward and westward, and 60 yards southward of it.

This rock lies with Minage Point, bearing N. by E. $\frac{1}{8}$ E. (No. 13° E.), distant $3\frac{1}{2}$ cables; and Nabekamuri yama E. by S. $\frac{1}{2}$ S. (73° E.).

Approximate position, lat. $32^{\circ} 44' 5''$ N., long. $129^{\circ} 51' 10''$ E.

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 17th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 52.

[Second Publication.]

CHINA SEA—GULF OF SIAM.

Koh Sichong harbour—Buoy marking rocks eastward of Lem Tarote.

THE British Admiralty has given notice (No. 75 of 1894) that information has been received from the Commander-in-Chief, China station, that H.M.S. *Swift* reports that a patch of rocks with depths of 2 to 9 feet on them exists on the edge of the three fathoms bank between Lem Wat and Lem Tarote.

The eastern side of this rocky patch is marked by a red buoy, from which the hotel at Ban Tarote bears W. $\frac{1}{4}$ N. ($N. 88^{\circ} W.$), distant $3\frac{3}{8}$ cables; and Lem Wat obelisk S.S.E. ($S. 24^{\circ} E.$).

Approximate position, buoy, lat. $13^{\circ} 9' 30''$ N., long. $100^{\circ} 47' 45''$ E.

(Variation, 3° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 17th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 53.

[Second Publication.]

INDIAN OCEAN—KERGUELEN, ST. PAUL, AND AMSTERDAM ISLANDS.

Establishment of Provision depôts.

THE British Admiralty has given notice (No. 79 of 1894) that depôts containing provisions and clothing, for the use of ship-wrecked seamen have been established by the vessel-of-war *Eure* on Kerguelen, St. Paul, and Amsterdam islands:—

1. *Kerguelen island.* The depôt is situated in the south-eastern part of Jachmann peninsula, Hillsborough bay, near the south-western shore of the eastern lake, and about half a mile northward of the coast, opposite Gazelle basin. It is in a cave at the foot of the west cliff of a rocky chasm, running north and south, and its position is indicated by a stone cairn, $11\frac{1}{2}$ feet in height, and about 14 feet broad at the base, erected on the summit of the west cliff of the chasm.

This cairn, visible from Gazelle basin, is painted black, and shows clearly against the grey rocks which form the background.

The entrance to the cave has been closed by large stones, and on the cliff a few yards above it is the inscription:—

Vivres et Vêtements, Eure, Janvier 1893.

Approximate position, lat. $49^{\circ} 16' 45''$ S., long. $69^{\circ} 40' 30''$ E.

This depôt contains:—

- 2,250 lbs. of preserved beef in boxes of 9 lbs.
- 1,125 lbs. of biscuits.
- 20 swan-skin shirts.
- 20 pairs of woollen drawers.
- 20 woollen blankets.
- 4 packets of matches.

The boxes of preserved beef are stowed in a pile, coated with coal tar. The biscuits are in 4-iron hooped barrels, thickly covered with coal tar. The clothes are in 2 similar barrels. The matches are in a box, similar to the beef boxes, painted with minium (red lead) and with a label of the contents on it.

In the event of the cairn being destroyed, the following directions should be followed to find the dépôt. Land on the north side of the inlet opposite Gazelle basin, in a small creek, sheltered by a rocky point, where boats may go alongside under any circumstances of wind or tide. Proceed directly inland about half a mile as far as the shore of the lake, then turn to the westward and follow the lake to its western end, where the chasm in which the dépôt is situated will be seen on the left hand.

2. *St. Paul island*.—The dépôt is in a hut of rough stones with a thatched roof, situated on the northern side of the crater, near the jetty and about 50 yards from the flagstaff:—

Approximate position, lat. $38^{\circ} 42' 45''$ S., long. $77^{\circ} 34' 40''$ E.

This dépôt contains:—

- 1,350 lbs. of preserved beef in boxes of 9 lbs.
- 1,125 lbs of biscuits.
- 10 woollen shirts.
- 10 blankets.

One soldered metal box containing 4 packets of matches.

The provisions and clothes are in 13 iron-hooped barrels, coated with tar and sand, and placed under a tarpaulin. On the door of the hut is the inscription, *France, Vivres et Vêtements pour naufragés, Eure, Janvier 1893*; and a similar inscription is on a board within the hut.

3. *Amsterdam island*.—The dépôt is in a large cavern, on the side of a hill, about W. by S. $\frac{1}{2}$ S. (S. 73° W.) 800 yards from Hosken Point, the north-east extreme of the island, and bears W. $\frac{1}{2}$ N. (N. 85° W.), distant about 600 yards from the first flagstaff southward of that point.

At the entrance to the cavern is a board, fixed to two upright tarred posts, with the inscription, *France, Vivres, Vêtements pour naufragés Eure, Janvier 1893*, on it.

This dépôt contains:—

- 1,350 lbs. of preserved beef.
- 1,125 lbs. of biscuits.
- 10 woollen shirts.
- 10 pairs cotton drawers.
- 10 blankets.

One soldered metal red box, containing 4 packets of matches.

Approximate position, lat. $37^{\circ} 48' 50''$ S., long. $77^{\circ} 32' 30''$ E.

The landing place used by the *Eure* is about 400 yards southward of Hosken Point, and under the flagstaff mentioned above.

Directions for finding the dépôt on Amsterdam:—Having landed, go to either of the flagstaffs, from whence a cross will be seen; from the cross follow the direction of its arms, leading past two ruins of rough stones, and then directly to the cavern, the entrance to which faces seaward. In the cavern, besides the provisions and clothing, there are cots, a cooking pot, and dry wood, left by the fishermen who sometimes live there. Cabbage and celery will be found near, and fish and lobsters (crawfish) abound near the landing place.

(Variation (3) 21° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 17th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 54.

[Second Publication.]

PACIFIC OCEAN—GILBERT ISLANDS.

Sunken rocks in Peacock anchorage—Taputeuea.

THE British Admiralty has given notice (No. 85 of 1894) of the existence of a dangerous patch of rocks, about 4 cables in extent, north and south, and on which a depth of 16 feet was obtained (although probably there is less water), lying in the south-eastern part of Peacock anchorage, west side of Taputeuea (Drummond atoll):—

From these rocks, locally known as Horses' heads, the sand bank marked Cov. H. W. Sp. bears E.S.E. (S. 67° E.), distant three-quarters of a mile; and the west extreme of Utiroa N.N.W. $\frac{1}{4}$ W. (N. 31° W.).

Approximate position, lat. $1^{\circ} 13'$ S., long. $174^{\circ} 41\frac{3}{4}'$ E.

(Variation, 9° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 17th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 55.

[Second Publication.]

AUSTRALIA, SOUTH—PORTS ADELAIDE, AUGUSTA, PIRIE.

Particulars of result of Tidal Observations.

THE Secretary, Marine Board, Port Adelaide, has given notice, dated 6th February last, that the following particulars show the result of Tidal Observations at ports Adelaide, Augusta, and Pirie, for the month of December 1893:—

Port Adelaide.

	Date.	Hour.	Ft. In.
Highest tide at high water	11th December, 1893	5 0 a.m.	29 6
Lowest " "	3rd " "	11 0 a.m.	23 1
Highest water at low water	18th " "	3 30 a.m.	24 1
Lowest " "	8th " "	10 30 a.m.	19 10

Of the 60 Observations at high water during the month:—

4 between 23 and 24 feet.	10 between 27 and 28 feet.
7 " 24 " 25 "	7 " 28 " 29 "
21 " 25 " 26 "	2 " 29 " 30 "
9 " 26 " 27 "	

Port Augusta.

	Date.	Hour.	Ft. In.
Highest tide at high water	11th December, 1893	9 0 a.m.	31 3
Lowest " "	19th " "	7 0 p.m.	23 6
Highest water at low water	17th " "	5 0 a.m.	23 9
Lowest " "	23rd " "	3 0 p.m.	17 6

Of the 62 Observations at high water during the month:—

5 between 23 and 24 feet.	8 between 28 and 29 feet.
5 " 24 " 25 "	10 " 29 " 30 "
12 " 25 " 26 "	1 " 30 " 31 "
13 " 26 " 27 "	1 " 31 " 32 "
7 " 27 " 28 "	

Port Pirie.

	Date.	Hour.	Ft. In.
Highest tide at high water	11th December, 1893	8 20 a.m.	23 10
Lowest " "	3rd " "	5 50 p.m.	18 4
Highest water at low water	17th " "	6 0 a.m.	17 8
Lowest " "	8th " "	2 15 p.m.	12 3

Of the 59 Observations at high water during the month:—

2 between 16 and 17 feet.	2 between 20 and 21 feet.
9 " 17 " 18 "	10 " 21 " 22 "
13 " 18 " 19 "	5 " 22 " 23 "
15 " 19 " 20 "	3 " 23 " 24 "

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 46.

[Third Publication.]

AUSTRALIA—MORETON BAY, NORTH ENTRANCE.

Conical buoy away from position.

THE Portmaster, Brisbane, has given notice (No. 4 of 1894) that during the recent heavy weather the Black Conical buoy at the entrance to the north channel Moreton bay has been washed away from its position. It will be replaced temporarily by an ordinary Black Can buoy.

F. T. RAYNER, B.P.,
for Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

Calcutta Gazette
of the 21st April/54
morning



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, APRIL 11, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 64.

[First Publication.]

NEW ZEALAND, NORTH ISLAND—KAIPARA HARBOUR.

Galatea channel—Shoal on north-west side of bar.

THE British Admiralty has given notice (No. 106 of 1894) that a circular shoal, about 2 cables in extent, and with a least depth of $2\frac{1}{2}$ fathoms on it at low water, has formed in a position with Kaipara North head light-house, bearing about N.E. (N. 45° E.), distant $7\frac{1}{4}$ miles.

This position is about three-quarters of a mile north-west of the leading beacons in line, and mariners are warned that the beacons should be brought in line before attempting to cross the bar.

Approximate position, shoal, lat. $36^{\circ} 27'$ S., long. $174^{\circ} 0'$ E.

(*Variation, 14° Easterly in 1894.*)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 65.

[First Publication.]

AUSTRALIA, SOUTH COAST—SPENCER GULF.

Port Augusta approach—Alteration in buoyage of Middle bank.

THE British Admiralty has given notice (No. 114 of 1894) that the two chequered buoys previously marking the north and south ends of Middle bank, Flinders channel, have been withdrawn, and a red *perch* buoy has been placed on the western side of the bank in a depth of 10 feet at low water.

Approximate position, perch buoy, lat. $32^{\circ} 43' 45''$ S., long. $137^{\circ} 49' 15''$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 58.

[Second Publication.]

AUSTRALIA—MORETON BAY.

Position of the wreck of the barge "Aarhus."

THE Port Master, Brisbane, has given notice (No. 5 of 1894) that the wreck of the Danish barque *Aarhus* lies N. $\frac{1}{2}$ E. about two miles from Cape Moreton, in twelve fathoms at low water.

The wreck, the topmasts of which now appear above water, will be marked by a green buoy placed one cable N.N.E. of it until it is removed or breaks up.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 27th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 59.

[Second Publication.]

CHINA SEA—GULF OF SIAM, EASTERN SHORE.

Probable existence and non-existence of certain reefs.

THE British Admiralty has given notice (No. 95 of 1894) that a reconsideration of the various reports made from time to time respecting the existence of the undermentioned reefs in the gulf of Siam has led to the conclusion that, until a closer examination has been made of the area around their reported positions, the statements concerning them cannot be said to be satisfactorily disproved:—

1. Condor reef (depth one foot), approximate position, lat. $10^{\circ} 43' 40''$ N., long. $102^{\circ} 53' 20''$ E.
2. Jan Peter reef (depth 2 fathoms), approximate position, lat. $10^{\circ} 46' 0''$ N., long. $102^{\circ} 42' 0''$ E.
3. Ellen Bangka reef (depth 11 feet), approximate position, lat. $11^{\circ} 11' 0''$ N., long. $102^{\circ} 47' 0''$ E.

These reefs have consequently been re-inserted on the Admiralty Charts with P. D. against each.

4. The reef previously marked on the Admiralty Charts in lat. $11^{\circ} 23' 0''$ N., long. $101^{\circ} 48' 0''$ E., having been originally placed from an indirect report received in 1864, and having been searched for by some of H.M. Ships unsuccessfully, as well as by other vessels, has now been expunged.

B. P. CREAGH, *Commr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 31st March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 60.

[Second Publication.]

KOREA—SOUTH COAST, WILLES GULF.

Rock N. N. West of Target rock.

THE British Admiralty has given notice (No. 96 of 1894) of the existence of a rock, awash at low water, and situated on the western side of Willes gulf, with Target rock, bearing about S.S.E. (S. 22° E.), distant $1\frac{3}{4}$ miles, and centre of island near N.W. by W. $\frac{1}{2}$ W. (N. 62° W).

Approximate position lat. $34^{\circ} 45' 0''$ N., long. $127^{\circ} 47' 15''$ E.

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, *Cmdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 31st March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 61.

[Second Publication.]

AUSTRALIA—NORTH COAST.

TORRES STRAIT, WESTERN APPROACH.

Amended depth on Western Bramble patch.

THE British Admiralty has given notice (No. 97 of 1894) that Lieutenant and Commander T. H. Heming, H. M. Surveying vessel *Paluma*, has found a small pinnacle, with a depth of $2\frac{1}{2}$ fathoms on it, on the western Bramble patch, previously marked 4 fathoms.

Approximate position, lat. $10^{\circ} 31' S.$, long. $141^{\circ} 36' E.$

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 62.

[Second Publication.]

AUSTRALIA—NORTH WEST COAST—BROWSE ISLAND.

Amended position of the island.

THE British Admiralty has given notice (No. 99 of 1894) that, by the observations of the Russian vessel-of-war *Razboinik Knyazya Uchtomsk*, Browse island lies in lat. $14^{\circ} 6' 0'' S.$, long. $123^{\circ} 29' 12'' E.$

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 63.

[Second Publication.]

SOUTH PACIFIC OCEAN.

Existence of ice and icebergs.

THE British Admiralty has given notice (No. 100 of 1894) that reports having recently been received from six vessels that during the month of December 1893 numerous icebergs were seen in the South Pacific ocean, between the parallels of $50^{\circ} S.$ and $57^{\circ} S.$ and the meridians of $100^{\circ} W.$ to $149^{\circ} W.$, mariners are warned of the existence of ice and icebergs in this locality, and of their probable dispersion over a wider area.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 56.

[Third Publication.]

EASTERN ARCHIPELAGO—SINGAPORE, NEW HARBOUR.

Entry of Foreign men-of-war.

THE following Notice to Mariners issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 7, dated Batavia, the 24th February 1894, is republished:—

Information has been received from the "Colonial Secretary" at Singapore that all restrictions upon the entry of foreign transports and of men-of-war into the *New Harbour, Singapore*, have been withdrawn by the instructions of Her Majesty's Government. (See Notice to Mariners, No. 10, Batavia, 1890.)

The only case in which the entry of a foreign ship of war or a transport is likely to be prohibited in time of peace is where no room is available, having regard to the general convenience of the port.

It will not be necessary in future to apply for permission for the entry of a man-of-war or transport into *New Harbour*.

This notice affects the charts: *Nederlandsch Oost-Indië*, blad I, 1867; *Zuidelijk gedeelte Chineesche Zee*, blad I, 1893 and *Riouw en Linga Archipel*, blad I, 1891.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 26th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 57.

[Third Publication.]

EASTERN ARCHIPELAGO—LOMBOK ISLAND, WEST COAST.

Unsuccessful search for reported sunken reef.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval forces in Neth. India, No. 8, dated Batavia, the 4th February 1894, is republished:—

With reference to "Notice to Mariners, No. 24, Batavia 1892," notice is given that the Commander of H. N. M. *Prins Hendrik der Nederlanden* has made a careful examination under favourable circumstances for the reef reported in 1892 by H. N. M. *Koningin Emma der Nederlanden* as to exist in a position about 1,420 yards southward from the coral bank westward of *Singigi*, west coast of *Lombok* island; but no indications of its existence were observed, and the depths found were 19 to 27 fathoms.

This reef has therefore been expunged from the charts.

This notice affects the charts: *Nederlandsch Oost-Indië*, blad II, 1867; *Kleine Soenda Eilanden en aangr. vaarwaters*, blad I, 1891; *Eilanden en vaarw. beoosten Java*, blad I, 1892, and *Plannen van Aukerpl. Kleine Soenda Eilanden*, blad I, 1893.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 26th March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, APRIL 18, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 66.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Sandoway buoy adrift.

A TELEGRAPHIC communication has been received, stating that Port Officer, Akyab, has given notice that Sandoway buoy is adrift.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 67.

[First Publication.]

INDIA, EAST—MADRAS COAST.

Change of site of existing light at Calingapatam; pending exhibition of the new light.

THE Acting Presidency Port Officer, Madras, has given notice (No. 4 of 1894) that from and after the 1st June 1894 the red dioptric port light at this port will be exhibited from the top of a temporary wooden structure sixteen feet in height, standing on a sand hill, bearing S. W. by S. (magnetic) of the permanent column from which the light has hitherto been displayed, and distant therefrom 403 feet.

2. The light in its new position will be 37 feet above high water, and should be visible from seaward at a distance of eight miles on the following magnetic bearings, viz.—

N. E. through W. to S. W.

3. Information respecting the date on which the new light will be displayed, will be issued in due course. (See Notices to Mariners, Nos. 276 of 1893 and 24 of 1894, issued by this office).

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 68.

[First Publication.]

EASTERN ARCHIPELAGO,—MOLUCCAS—HALMAHERA ISLAND.

Sunken reef off the extremity of the S. E. peninsula.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 9, dated Batavia the 17th March 1894, is republished:—

The Master of the steamer *Camphuys* reports the existence of a coral reef, about 3,3 cables long in a N. W. and S. E. direction, and 1,1 cables broad, with depths of 3 to 10 fathoms on it, lying in Weeda bay, near the extremity of *Halmahera* S. E. peninsula (Cape *Tabo* or *Toetoeli*), with Kg. *Gam Soengei*, bearing N. W. $\frac{1}{2}$ W., and *Moeor* islet N. point in line with the most southern point of the coast, E. $\frac{1}{8}$ S.

Approximate position: lat. $0^{\circ} 8' N.$, long. $125^{\circ} 46' 30'' E.$

Bearings true.

This notice affects the chart: *Moluksche Archipel*, blad I, 1889.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 9th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 69.

[First Publication.]

INDIA, SOUTH.

CEYLON COAST—PALK STRAIT.

Beacons in the approach to Jaffnapatam.

THE Officer in charge of the Marine Survey of India has given notice, dated 3d April 1894, that a white stone beacon, about 30 feet high, has been erected on the south-east end of Delft island; it marks the position of the station used by the Great Trigonometrical Survey of India when triangulating between India and Ceylon.

Approximate position lat. $9^{\circ} 28' 50'' N.$, long. $79^{\circ} 41' 20'' E.$

Similar beacons, 25 feet high, and whose summits are about 35 feet above high water, mark other trigonometrical stations; their approximate positions are as follows:—

Punkudutivu beacon (Pungre Tivo), lat. $9^{\circ} 34' 23'' N.$, long. $79^{\circ} 49' 25'' E.$

Palaitivu beacon, lat. $9^{\circ} 29' 18'' N.$, long. $79^{\circ} 59' 10'' E.$

Kalmunai beacon, lat. $9^{\circ} 36' 20'' N.$, long. $80^{\circ} 01' 15'' E.$

An Obelisk, from which it is proposed to exhibit a green light, has been erected at the entrance to the boat channel leading to Jaffnapatam.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 70.

[First Publication.]

EASTERN ARCHIPELAGO—JAVA, NORTH COAST.

Buoy on Pekalongan road.

THE following Notice to Mariners issued by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 10, dated Batavia, the 22nd March 1894, is republished for general information:—

With reference to Notice to Mariners No. 38, Batavia, 1893 (See *Javasche Courant* No. 104, 1893, and Nos. 1 and 2, 1894), notice is hereby given that the temporary buoy, moored on *Pekalongan* road, on about the spot where the masts, anchors and other riggings of the burned ship *Ben Macdhui* are sunk, will be withdrawn, and in lieu thereof a conical buoy, painted red, with a white horizontal stripe with the word "*Wreck*" in black letters, will be moored outside (N. side) of the abovementioned danger, in a position with *Pekalongan* harbour light bearing S. by E., in $3\frac{1}{2}$ fathoms water.

This notice affects the charts; *Nederlandsch Oost-Indië*, blad II, 1867; *Java Zee en aangr. vaarw.* blad II, 1887; *Java* blad II, 1892; *Noordkust Java*, blad III, 1887; *Noordkust Java*, blad IV, 1888, and *Reede Pekalongan*, 1888.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 71.

[First Publication.]

AUSTRALIA—SOUTH COAST—PRINCESS ROYAL HARBOUR.

Newly dredged channel through narrows.

THE British Admiralty has given notice (No. 116 of 1894) that the channel leading from King George sound into Princess Royal harbour has been dredged to a depth of 30 feet at low water springs for a width of 400 feet.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 72.

[First Publication.]

PACIFIC OCEAN—NEW GUINEA, NORTH-EAST COAST.

Reported dangers.

THE British Admiralty has given notice (No. 120 of 1894) of the existence of the following dangers on the north-east coast of New Guinea:—

1. A reef, about half a cable in extent east and west, and on which the sea breaks in bad weather, lies about 2 miles offshore, at 10 miles westward of cape Lapar, or approximately in lat. $3^{\circ} 3' S.$, long. $142^{\circ} 11' E.$

2. Paris island and Unei appear to be connected by a reef; the passages between Paris island and Guap, and Gressien island and Guap are reported to be free from dangers.

Approximate position, Paris island, lat. $3^{\circ} 21' S.$, long. $143^{\circ} 24' E.$

3. A narrow reef, about a cable long east and west, and with depths of 5 to 6 feet on it, lies in the eastern approach to Dallman harbour, in a position with Meta island, bearing $W. \frac{1}{4} N.$ ($N. 87^{\circ} W.$), distant 4 miles; and east extreme D'Urville island $N. N. W. \frac{3}{4} W.$ ($N. 31^{\circ} W.$); or approximately in lat. $3^{\circ} 26' S.$, long. $143^{\circ} 39' E.$

4. A rock, with a depth of 6 feet on it, lies midway between Bilibili island and the coast, or approximately in lat. $5^{\circ} 20' S.$, long. $145^{\circ} 45\frac{1}{2}' E.$

5. The rock marked on the chart about 2 miles north-eastward of cape King, the north point of Rook island, lies about 2 miles north-westward of that position, or approximately in lat. $5^{\circ} 24\frac{1}{2}' S.$, long. $147^{\circ} 48\frac{1}{2}' E.$ Two small reefs lie one mile offshore at 6 miles eastward of cape King.

6. A shoal lies 3 miles W. by N. ($N. 79^{\circ} W.$) from Heyn island, or approximately in lat. $5^{\circ} 23\frac{1}{2}' S.$, long. $147^{\circ} 42\frac{1}{2}' E.$

(Variation $\left\{ \begin{smallmatrix} 3...4^{\circ} \\ 6...5^{\circ} \end{smallmatrix} \right\}$ Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 73.

[First Publication.]

JAPAN—YEZO ISLAND, SOUTH COAST.

Sunken reef reported north-eastward of Tatsumino se.

THE British Admiralty has given notice (No. 121 of 1894) of the existence of a sunken reef, on which the sea was breaking heavily, lying about one mile N. E. by E. ($N. 56^{\circ} E.$) from Tatsumino se (rock), or approximately in lat. $43^{\circ} 15' N.$, long. $145^{\circ} 43' E.$

(Variation 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th April 1894

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT

NOTICE TO MARINERS—No. 74.

[First Publication.]

JAPAN—SURUGA GULF.

Channel eastward of Arasima closed.

THE British Admiralty has given notice (No. 122 of 1894) that the channel eastward of Arasima (Awashima), Yeno ura, has been permanently closed by fishing nets.

Approximate position, lat. $35^{\circ} 2' N.$, long. $138^{\circ} 53' E.$

(2) Seto uchi—Rocks in northern part of Bingo nada.

Also, that Lieutenant S. Miura reports the existence of two rocks in the northern part of Bingo nada:—

a. A rock (named Konoishi), one foot high, lies in the eastern approach to Tomo, in a position with the west extreme of Hasiri bearing S. $\frac{1}{4}$ E. (S. 2° E.), distant $1\frac{1}{4}$ miles; and south extreme of Kitangi E. $\frac{1}{4}$ S. ($\approx 87^{\circ}$ E.)

Approximate position, lat. $34^{\circ} 22' N.$, long. $133^{\circ} 25' E.$

b. A rock (named Misaki Dashi), with a depth of $3\frac{1}{4}$ fathoms on it at low water, lies with Mutsu sima west extreme bearing S. by W. $\frac{1}{4}$ W. (S. 14° W.), distant $1\frac{3}{4}$ miles; and Manabe south extreme E. by N. $\frac{1}{2}$ N. (N. 73° E.)

Approximate position, lat. $34^{\circ} 20\frac{1}{4}' N.$, long. $133^{\circ} 31\frac{1}{2}' E.$

(3) Seto uchi—Sunken wreck in western part of Suwo nada. Also, that Captain T. Nomura, Japanese vessel-of-war *Matsushima*, reports that on 28th December 1893 he passed a sunken wreck with two masts showing about 30 feet above water, lying south-westward of Motoyama saki, near the usual track of vessels, or approximately in lat. $33^{\circ} 54\frac{1}{2}' N.$, long. $131^{\circ} 8\frac{1}{4}' E.$

(Variation (2) 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 75.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

The "Spit" light-vessel moved from her present position.

THE Port Officer, Rangoon, has given notice of the light-vessel *Spit* being moved, on or about the 13th instant, to a position S. $15\frac{1}{2}^{\circ}$ W. (magnetic), and distant $14\frac{1}{4}$ cables from her present position.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT

NOTICE TO MARINERS—No. 64.

[Second Publication.]

NEW ZEALAND, NORTH ISLAND—KAIPARA HARBOUR.

Galatea channel—Shoal on north-west side of bar.

THE British Admiralty has given notice (No. 106 of 1894) that a circular shoal, about 2 cables in extent, and with a least depth of $2\frac{1}{2}$ fathoms on it at low water, has formed in a position with Kaipara North head light-house, bearing about N.E. (N. 45° E.), distant $7\frac{1}{2}$ miles.

This position is about three-quarters of a mile north-west of the leading beacons in line, and mariners are warned that the beacons should be brought in line before attempting to cross the bar.

Approximate position, shoal, lat. $36^{\circ} 27' S.$, long. $174^{\circ} 0' E.$

(Variation, 14° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 7th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 65.

[Second Publication.]

AUSTRALIA, SOUTH COAST—SPENCER GULF.

Port Augusta approach—Alteration in buoyage of Middle bank.

THE British Admiralty has given notice (No. 114 of 1894) that the two chequered buoys previously marking the north and south ends of Middle bank, Flinders channel, have been withdrawn, and a red *perch* buoy has been placed on the western side of the bank in a depth of 10 feet at low water.

Approximate position, perch buoy, lat. $32^{\circ} 43' 45''$ S., long. $137^{\circ} 49' 15''$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 7th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 58.

[Third Publication.]

AUSTRALIA—MORETON BAY.

Position of the wreck of the barque "Aarhus."

THE Port Master, Brisbane, has given notice (No. 5 of 1894) that the wreck of the Danish barque *Aarhus* lies N. $\frac{1}{2}$ E. about two miles from Cape Moreton, in twelve fathoms at low water.

The wreck, the topmasts of which now appear above water, will be marked by a green buoy placed one cable N.N.E. of it until it is removed or breaks up.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 27th March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 59.

[Third Publication.]

CHINA SEA—GULF OF SIAM, EASTERN SHORE.

Probable existence and non-existence of certain reefs.

THE British Admiralty has given notice (No. 95 of 1894) that a reconsideration of the various reports made from time to time respecting the existence of the undermentioned reefs in the gulf of Siam has led to the conclusion that, until a closer examination has been made of the area around their reported positions, the statements concerning them cannot be said to be satisfactorily disproved:—

1. Condor reef (depth one foot), approximate position, lat. $10^{\circ} 43' 40''$ N., long. $102^{\circ} 53' 20''$ E.
2. Jan Peter reef (depth 2 fathoms), approximate position, lat. $10^{\circ} 46' 0''$ N., long. $102^{\circ} 42' 0''$ E.
3. Ellen Bangka reef (depth 11 feet), approximate position, lat. $11^{\circ} 11' 0''$ N., long. $102^{\circ} 47' 0''$ E.

These reefs have consequently been re-inserted on the Admiralty Charts with P. D. against each.

4. The reef previously marked on the Admiralty Charts in lat. $11^{\circ} 23' 0''$ N., long. $101^{\circ} 48' 0''$ E., having been originally placed from an indirect report received in 1864, and having been searched for by some of H.M. Ships unsuccessfully, as well as by other vessels, has now been expunged.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 31st March 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 60.

[Third Publication.]

KOREA—SOUTH COAST, WILLES GULF.

Rock N. N. West of Target rock.

THE British Admiralty has given notice (No. 96 of 1894) of the existence of a rock, awash at low water, and situated on the western side of Willes gulf, with Target rock, bearing about S.S.E. (S. 22° E.), distant 1½ miles, and centre of island near N.W. by W. ½ W. (N. 62° W).

Approximate position lat. 34° 45' N., long. 127° 47' 15" E.

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 61.

[Third Publication.]

AUSTRALIA—NORTH COAST.

TORRES STRAIT, WESTERN APPROACH.

Amended depth on Western Bramble patch.

THE British Admiralty has given notice (No. 97 of 1894) that Lieutenant and Commander T. H. Heming, H. M. Surveying vessel *Paluma*, has found a small pinnacle, with a depth of 2½ fathoms on it, on the western Bramble patch, previously marked 4 fathoms.

Approximate position, lat. 10° 31' S., long. 141° 36' E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 62.

[Third Publication.]

AUSTRALIA—NORTH WEST COAST—BROWSE ISLAND.

Amended position of the island.

THE British Admiralty has given notice (No. 99 of 1894) that, by the observations of the Russian vessel-of-war *Rybainik Knyavya Utchtomsk*, Browse island lies in lat. 14° 6' 0" S., long. 123° 29' 12" E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 63.

[Third Publication.]

SOUTH PACIFIC OCEAN.

Existence of ice and icebergs.

THE British Admiralty has given notice (No. 100 of 1894) that reports having recently been received from six vessels that during the month of December 1893 numerous icebergs were seen in the South Pacific ocean, between the parallels of 50° S. and 57° S. and the meridians of 100° W. to 149° W., mariners are warned of the existence of ice and icebergs in this locality, and of their probable dispersion over a wider area.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st March 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, APRIL 25, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 76.

[First Publication.]

SOUTH INDIAN AND SOUTH PACIFIC OCEANS.

Provision depôts for relief of ship-wrecked mariners.

NOTICE to Mariners No. 133 of 1894, issued by the British Admiralty, is republished for general information:—

The following particulars of all the Provision depôts, established in the South Indian and South Pacific oceans, for the benefit of ship-wrecked persons, are again published for the information of mariners:—

1. CROZET ISLANDS—HOG ISLAND.—The provision depôt is a hut near the landing place on the eastern side of the island, $2\frac{1}{2}$ miles southward of the Five Giants, which lie off the north-east point of Hog island. In December 1887, the French vessel *La Meurthe* left at this depôt one ton of preserved beef, half a ton of biscuit, three-quarters of a hundred-weight of sardines in oil, 20 blankets, 15 pairs of shoes, and 15 pairs of cloth trousers, all carefully packed in boxes. Also 2 spears, 2 hatchets, and cooking utensils.

Approximate position: depôt, lat. $46^{\circ} 6\frac{1}{2}'$ S., long. $50^{\circ} 14\frac{1}{2}'$ E.

1a. CROZET ISLANDS—POSSESSION ISLAND.—The provision depôt consists of huts situated about 100 yards from the coast in the south-east corner of American bay, which is on the east side of the island, and about 7 miles from Dark head, the north-east point. H. M. S. *Comus*, in 1880, left here sufficient provisions for 50 people for 50 days; also jerseys, trousers, stockings and shoes. The provisions were intact when Possession island was visited by the French vessel *La Meurthe* in December 1887.

Approximate position: depôt, lat. $46^{\circ} 23'$ S., long. $51^{\circ} 46\frac{1}{2}'$ E.

2. KERGUELEN ISLAND.—The depôt established by the French Government is situated in the south-eastern part of Jachmann peninsula, Hillsborough bay, near the south-western shore of the eastern lake, and about half a mile northward of the coast, opposite Gazelle basin. It is in a cave at the foot of the west cliff of a rocky chasm running north and south, and its position is indicated by a stone cairn $11\frac{1}{2}$ feet in height, and about 14 feet broad at the base, erected on the summit of the west cliff of the chasm.

This cairn, visible from Gazelle basin, is painted black, and shows clearly against the grey rocks which form the background.

The entrance to the cave has been closed by large stones, and on the cliff a few yards above it is the inscription—

Vivres et Vêtements, Eure, Janvier 1893.

Approximate position: lat. $49^{\circ} 16' 45''$ S., long. $69^{\circ} 40' 30''$ E.

This depôt contains:—

- 2,250 lbs. of preserved beef in boxes of 9 lbs.
- 1,125 lbs. of biscuits.
- 20 swan-skin shirts.
- 20 pairs of woollen drawers.
- 20 woollen blankets.
- 4 packets of matches.

The boxes of preserved beef are stowed in a pile, coated with coal tar. The biscuits are in 4 iron-hooped barrels, thickly covered with coal tar. The clothes are in two similar barrels. The matches are in a box similar to the beef boxes, painted with minium (red lead) and with a label of the contents on it.

In the event of the cairn being destroyed, the following directions should be followed to find the dépôt. Land on the north side of the inlet opposite Gazelle basin, in a small creek, sheltered by a rocky point, where boats may go alongside under any circumstances of wind or tide. Proceed directly inland about half a mile as far as the shore of the lake, then turn to the westward and follow the lake to its western end, where the chasm in which the dépôt is situated will be seen on the left land.

3. ST. PAUL ISLAND.—The dépôt established by the French Government is in a hut of rough stones with a thatched roof, situated on the northern side of the crater near the jetty and about 50 yards from the flagstaff:—

Approximate position: lat. $38^{\circ} 42' 45''$ S., long. $77^{\circ} 34' 40''$ E.

This dépôt contains:—

- 1,350 lbs. of preserved beef in boxes of 9 lbs.
- 1,125 lbs. of biscuits.
- 10 woollen shirts.
- 10 blankets.
- 1 soldered metal box containing 4 packets of matches.

The provisions and clothes are in 13 iron-hooped barrels, coated with tar and sand, and placed under a tarpaulin. On the door of the hut is the inscription *France, Vies et Vêtements pour naufragés, Eure, Janvier 1893*, and a similar inscription is on a board within the hut.

4. AMSTERDAM ISLAND.—The dépôt established by the French Government is in a large cavern in the side of a hill, about W. by S. $\frac{1}{2}$ S. (S. 73° W.), 800 yards from Hosken point, the north-east extreme of the island, and bears W. $\frac{1}{2}$ N. (N. 85° W.), distant about 600 yards, from the first flagstaff southward of that point.

At the entrance to the cavern is a board, fixed to two upright tarred posts, with the inscription, *France, Vies, Vêtements pour naufragés, Eure, Janvier 1893*, on it.

This dépôt contains:—

- 1,350 lbs. of preserved beef.
- 1,125 lbs. of biscuits.
- 10 woollen shirts.
- 10 pairs cotton drawer.
- 10 blankets.

One soldered metal red box containing 4 packets of matches.

Approximate position: lat. $37^{\circ} 48' 50''$ S., long. $77^{\circ} 32' 30''$ E.

The landing place used by the *Eure* is about 400 yards southward of Hosken point, and under the flagstaff mentioned above.

Directions for finding the dépôt on Amsterdam:—Having landed, go to either of the flagstaffs, from whence a cross will be seen; from the cross follow the direction of its arms, leading past two ruins of rough stones, and then directly to the cavern, the entrance to which faces seaward. In the cavern, besides the provisions and clothing, there are cots, a cooking pot, and dry wood, left by the fishermen who sometimes live there. Cabbage and celery will be found near, and fish and lobsters (crawfish) abound near the landing place.

The following dépôts are maintained by the Government of New Zealand. Those on Auckland, Campbell, Antipodes, Bounty, and Snares islands are visited by a steamer twice a year, and those on Kermadec islands once a year. Finger-posts to indicate the positions of the dépôts are to be erected on all these islands.

5. SNARES ISLANDS.—A provision dépôt will be established on North-east island during 1894; it will be situated in Boat harbour at the eastern end of the island.

Approximate position: lat. $45^{\circ} 4' 35''$ S., long. $166^{\circ} 34'$ E.

6. AUCKLAND ISLANDS.—There are three dépôts: one, a square wooden house on the south side of Erebus cove, port Ross, on the east side, and at the northern end of the principal island; the second will be placed at the head of Norman inlet, in the middle of the east coast of the principal island, during 1894; the third is in the western arm of Camp cove, Carnley harbour, at the south end of the principal island.

A life-boat has been placed on Enderby island, the north-eastern of the group; another at the north-west end of Adams island, the southern of the group; and one will be placed on Rose island, immediately south-west of Enderby island, during 1894.

Approximate position: Erebus cove dépôt, lat. $50^{\circ} 33\frac{1}{2}'$ S., long. $166^{\circ} 12'$ E.

Approximate position: Norman inlet dépôt, lat. $50^{\circ} 40\frac{1}{2}'$ S., long. $166^{\circ} 8'$ E.

Approximate position: Camp cove dépôt, lat. $50^{\circ} 52\frac{1}{2}'$ S., long. $166^{\circ} 3'$ E.

7. CAMPBELL ISLAND.—The dépôt's position, indicated by a white staff, is in Tucker cove, at the head of South or Perseverance harbour, on the east side of the island.

Approximate position: lat. $52^{\circ} 33\frac{1}{2}'$ S., long. $169^{\circ} 6\frac{1}{2}'$ E.

8. ANTIPODES ISLANDS.—The depôt is a hut at an elevation of 100 feet above the sea, visible from some distance north-eastward, and situated 300 feet from the landing place, which is on the north-east side of the large island, and half a mile westward of its east point.

Approximate position, lat. $49^{\circ} 41\frac{1}{2}'$ S., long. $178^{\circ} 43'$ E.

9. BOUNTY ISLANDS.—The depôt is a hut at an elevation of 120 feet above the sea, visible from the northward, and situated southward of the western inlet of the principal island—the north-eastern—of the Western group of the Bounty islands.

Approximate position: lat. $47^{\circ} 43\frac{1}{2}'$ S., long. $179^{\circ} 0\frac{1}{2}'$ E.

10. KERMADEC ISLANDS.—There are two depôts, each a small galvanised iron shed, fitted with spouting and a tank to catch water, and containing a supply of biscuits, medicines, tools, &c. One is situated on the southern side of Macdonald cove (crater), on the north-west side of Curtis island; the other at Lava cascade, about $1\frac{1}{2}$ cables south-eastward of the northern point of Macauley island.

Approximate position: Macauley island depôt, lat. $30^{\circ} 15'$ S., long. $178^{\circ} 31'$ W.

Approximate position: Curtis I. depôt, lat. $30^{\circ} 35'$ S., long. $178^{\circ} 36'$ W.

(Variation (4) 21° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 21st April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 66.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Sandoway buoy adrift.

A TELEGRAPHIC communication has been received, stating that Port Officer, Akyab, has given notice that Sandoway buoy is adrift.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 9th April 1894:

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 67.

[Second Publication.]

INDIA, EAST—MADRAS COAST.

Change of site of existing light at Calingapatam; pending exhibition of the new light.

THE Acting Presidency Port Officer, Madras, has given notice (No. 4 of 1894) that from and after the 1st June 1894 the red dioptric port light at this port will be exhibited from the top of a temporary wooden structure sixteen feet in height, standing on a sand hill, bearing S. W. by S. (magnetic) of the permanent column from which the light has hitherto been displayed, and distant therefrom 403 feet.

2. The light in its new position will be 37 feet above high water, and should be visible from seaward at a distance of eight miles on the following magnetic bearings, viz.—

N. E. through W. to S. W.

3. Information respecting the date on which the new light will be displayed, will be issued in due course. (See Notices to Mariners, Nos. 276 of 1893 and 24 of 1894, issued by this office).

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 9th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 68.

[Second Publication.]

EASTERN ARCHIPELAGO,—MOLUCCAS—HALMAHERA ISLAND.

Sunken reef off the extremity of the S. E. peninsula.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 9, dated Batavia the 17th March 1894, is republished:—

The Master of the steamer *Camphuys* reports the existence of a coral reef, about 3,3 cables long in a N. W. and S. E. direction, and 1,1 cables broad, with depths of 3 to 10 fathoms on it, lying in *Weeda* bay, near the extremity of *Halmahera* S. E. peninsula (Cape *Tabo* or *Toetoeli*), with *Kg. Gam Soengei*, bearing N. W. $\frac{1}{2}$ W., and *Moor* islet N. point in line with the most southern point of the coast, E. $\frac{1}{8}$ S.

Approximate position: lat. $0^{\circ} 8' N.$, long. $128^{\circ} 46' 30'' E.$

Bearings true.

This notice affects the chart: *Moluksche Archipel*, blad I, 1889.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 9th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 69.

[Second Publication.]

INDIA, SOUTH.

CEYLON COAST—PALK STRAIT.

Beacons in the approach to Jaffnapatam.

THE Officer in charge of the Marine Survey of India has given notice, dated 3rd April 1894, that a white stone beacon, about 30 feet high, has been erected on the south-east end of *Delft* island; it marks the position of the station used by the Great Trigonometrical Survey of India when triangulating between India and Ceylon.

Approximate position lat. $9^{\circ} 28' 50'' N.$, long. $79^{\circ} 41' 20'' E.$

Similar beacons, 25 feet high, and whose summits are about 35 feet above high water, mark other trigonometrical stations; their approximate positions are as follows:—

Punkudutivu beacon (*Pungre Tivo*), lat. $9^{\circ} 34' 25'' N.$, long. $79^{\circ} 49' 25'' E.$

Palaitivu beacon, lat. $9^{\circ} 29' 18'' N.$, long. $79^{\circ} 59' 10'' E.$

Kalmunai beacon, lat. $9^{\circ} 36' 20'' N.$, long. $80^{\circ} 01' 15'' E.$

An Obelisk, from which it is proposed to exhibit a green light, has been erected at the entrance to the boat channel leading to *Jaffnapatam*.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 70.

[Second Publication.]

EASTERN ARCHIPELAGO—JAVA, NORTH COAST.

Buoy on Pekalongan road.

THE following Notice to Mariners issued by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 10, dated Batavia, the 22nd March 1894, is republished for general information:—

With reference to Notice to Mariners No. 38, Batavia, 1893 (See *Javasche Courant* No. 104, 1893, and Nos. 1 and 2, 1894), notice is hereby given that the temporary buoy, moored on *Pekalongan* road, on about the spot where the masts, anchors and other riggings of the burned ship *Ben Macdhui* are sunk, will be withdrawn, and in lieu thereof a conical buoy, painted red, with a white horizontal stripe with the word "*Wreck*" in black letters, will be moored outside (N. side) of the abovementioned danger, in a position with *Pekalongan* harbour light bearing S. by E., in $3\frac{1}{2}$ fathoms water.

This notice affects the charts; *Nederlandsch Oost-Indië*, blad II, 1867; *Java Zee en aangr. vaarw.* blad II, 1887; *Java* blad II, 1892; *Noordkust Java*, blad III, 1887; *Noordkust Java*, blad IV, 1888, and *Reede Pekalongan*, 1888.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 71.

[Second Publication.]

AUSTRALIA—SOUTH COAST—PRINCESS ROYAL HARBOUR.

Newly dredged channel through narrows.

THE British Admiralty has given notice (No. 116 of 1894) that the channel leading from King George sound into Princess Royal harbour has been dredged to a depth of 30 feet at low water springs for a width of 400 feet.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 72.

[Second Publication.]

PACIFIC OCEAN—NEW GUINEA, NORTH-EAST COAST.

Reported dangers.

THE British Admiralty has given notice (No. 120 of 1894) of the existence of the following dangers on the north-east coast of New Guinea:—

1. A reef, about half a cable in extent east and west, and on which the sea breaks in bad weather, lies about 2 miles offshore, at 10 miles westward of cape Lapar, or approximately in lat. $3^{\circ} 3' S.$, long. $142^{\circ} 11' E.$

2. Paris island and Unei appear to be connected by a reef; the passages between Paris island and Guap, and Gressien island and Guap are reported to be free from dangers.

Approximate position, Paris island, lat. $3^{\circ} 21' S.$, long. $143^{\circ} 24' E.$
3. A narrow reef, about a cable long east and west, and with depths of 5 to 6 feet on it, lies in the eastern approach to Dallman harbour, in a position with Meta island, bearing $W. \frac{1}{4} N.$ (N. $87^{\circ} W.$), distant 4 miles; and east extreme D'Urville island N. N. W. $\frac{3}{4} W.$ (N. $31^{\circ} W.$); or approximately in lat. $3^{\circ} 26' S.$, long. $143^{\circ} 39' E.$

4. A rock, with a depth of 6 feet on it, lies midway between Bilibili island and the coast, or approximately in lat. $5^{\circ} 20' S.$, long. $145^{\circ} 45\frac{1}{2}' E.$

5. The rock marked on the chart about 2 miles north-eastward of cape King, the north point of Rook island, lies about 2 miles north-westward of that position, or approximately in lat. $5^{\circ} 24\frac{1}{2}' S.$, long. $147^{\circ} 48\frac{1}{2}' E.$ Two small reefs lie one mile offshore at 6 miles eastward of cape King.

6. A shoal lies 3 miles W. by N. (N. $79^{\circ} W.$) from Heyn island, or approximately in lat. $5^{\circ} 23\frac{1}{2}' S.$, long. $147^{\circ} 42\frac{1}{2}' E.$

(Variation $\left\{ \begin{array}{l} 3...4^{\circ} \\ 6...5^{\circ} \end{array} \right\}$ Easterly in 1894)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 73.

[Second Publication.]

JAPAN—YEZO ISLAND, SOUTH COAST.

Sunken reef reported north-eastward of Tatsumino se.

The British Admiralty has given notice (No. 121 of 1894) of the existence of a sunken reef, on which the sea was breaking heavily, lying about one mile N. E. by E. (N. $56^{\circ} E.$) from Tatsumino se (rock), or approximately in lat. $43^{\circ} 15' N.$, long. $145^{\circ} 43' E.$

(Variation 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 74.

[Second Publication.]

JAPAN—SURUGA GULF.

Channel eastward of Arasima closed.

THE British Admiralty has given notice (No. 122 of 1894) that the channel eastward of Arasima (Awashima), Yeno ura, has been permanently closed by fishing nets.

Approximate position, lat. $35^{\circ} 2' N.$, long. $138^{\circ} 53' E.$

(2) Seto uchi—Rocks in northern part of Bingo nada.

Also, that Lieutenant S. Miura reports the existence of two rocks in the northern part of Bingo nada:—

a. A rock (named Konoishi), one foot high, lies in the eastern approach to Tomo, in a position with the west extreme of Hasiri bearing S. $\frac{1}{4}$ E. (S. $2^{\circ} E.$), distant $1\frac{1}{4}$ miles; and south extreme of Kitangi E. $\frac{1}{4}$ S. (S. $87^{\circ} E.$)

Approximate position, lat. $34^{\circ} 22' N.$, long. $133^{\circ} 25' E.$

b. A rock (named Misaki Dashi), with a depth of $3\frac{3}{4}$ fathoms on it at low water, lies with Mutsu sima west extreme bearing S. by W. $\frac{1}{4}$ W. (S. $14^{\circ} W.$), distant $1\frac{3}{4}$ miles; and Manabe south extreme E. by N. $\frac{1}{4}$ N. (N. $73^{\circ} E.$)

Approximate position, lat. $34^{\circ} 20\frac{1}{4}' N.$, long. $133^{\circ} 31\frac{1}{2}' E.$

(3) Seto uchi—Sunken wreck in western part of Suwo nada.

Also, that Captain T. Nomura, Japanese vessel-of-war *Matsushima*, reports that on 28th December 1893 he passed a sunken wreck with two masts showing about 30 feet above water, lying south-westward of Motoyama saki, near the usual track of vessels, or approximately in lat. $33^{\circ} 54\frac{3}{4}' N.$, long. $131^{\circ} 8\frac{1}{4}' E.$

(Variation (2) 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 75.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

The "Spit" light-vessel moved from her present position.

THE Port Officer, Rangoon, has given notice of the light-vessel *Spit* being moved, on or about the 13th instant, to a position S. $15\frac{1}{2}^{\circ}$ W. (magnetic), and distant $14\frac{1}{4}$ cables from her present position.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT

NOTICE TO MARINERS—No. 64.

[Third Publication.]

NEW ZEALAND, NORTH ISLAND—KAIPARA HARBOUR.

Galatea channel—Shoal on north-west side of bar.

THE British Admiralty has given notice (No. 106 of 1894) that a circular shoal, about 2 cables in extent, and with a least depth of $2\frac{1}{2}$ fathoms on it at low water, has formed in a position with Kaipara North head light-house, bearing about N.E. (N. $45^{\circ} E.$), distant $7\frac{3}{4}$ miles.

This position is about three-quarters of a mile north-west of the leading beacons in line, and mariners are warned that the beacons should be brought in line before attempting to pass the bar.

Approximate position, shoal, lat. $36^{\circ} 27' S.$, long. $174^{\circ} 0' E.$

(Variation, 14° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 65.

[Third Publication.]

AUSTRALIA, SOUTH COAST—SPENCER GULF.

Port Augusta approach—Alteration in buoyage of Middle bank.

THE British Admiralty has given notice (No. 114 of 1894) that the two chequered buoys previously marking the north and south ends of Middle bank, Flinders channel, have been withdrawn, and a red *perch* buoy has been placed on the western side of the bank in a depth of 10 feet at low water.

Approximate position, perch buoy, lat. $32^{\circ} 43' 45''$ S., long. $137^{\circ} 49' 15''$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

Charge under Section 33, clause (c) of Act IV (B.C.) of 1887.

For the use of the Port Commissioners S. T. Gekko within port-limits in case of fire per day of 24 hours or part of such day, Rs. 500.

E. GOOD, J.P., Vice-Chairman, Port Commissioners.
(55—1)



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MAY 2, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 77.

[First Publication.]

CHINA SEA—SHANGHAI DISTRICT.

Position of a shoal patch.

THE following Notice to Mariners issued by the Inspector-General of Customs, Shanghai, No. 283, dated 20th March 1894, is republished for general information:—

Notice is hereby given that Captain R. Morgan, of the British S.S. *Feilung*, reports that on the 19th instant, he crossed, from north to south, a shoal patch, having from 6½ to 7 fathoms, fine sand, for about 3 miles and then deepening to 13 fathoms, blue mud, the position of the middle of the shoal in the line where the *Feilung* crossed it being latitude 32° 18' 30" N., longitude 122° 27' E., in which locality the Admiralty Chart No. 1262 shows from 18 to 20 fathoms.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 78.

[First Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Exhibition of a white light on the approach to port Perie.

THE Secretary to the Marine Board, port Adelaide, has given notice (No. 3 of 1894), that on or about the 1st of August, 1894, the Lightship in Germein Bay will be discontinued, and in lieu thereof a White Light will be exhibited from the sea end of Port Germein Jetty, visible ten (10) miles. Further notice will be given.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 79.

[First Publication.]

AUSTRALIA—NORTH COAST—TORRES STRAIT, WESTERN APPROACH.

Search for reported rocks southward of Bramble patch.

WITH reference to Notice to Mariners, No. 72, dated 20th March 1893, issued by this office, the British Admiralty has given further notice (No. 142 of 1894) that a close but unsuccessful search has been made by Lieutenant and Commander Heming, H.M. Surveying vessel *Paluma*, for the rocks reported to exist in (1) lat. 10° 32½' S., long. 141° 35½' E., (2) lat. 10° 37½' S., long. 141° 34½' E.

Whilst it is impossible to say positively that these reported rocks do not exist in the area examined, which extends for four miles each side of the positions given by the pearl-shell divers, it appears highly probable that (1) the northern of the two is identical with the West Bramble patch, on which the *Paluma* found a depth of 17 feet; see Notice to Mariners No. 97 of 1894. This has therefore been expunged from the Admiralty Charts.

With reference to (2), the southern of the two reported rocks, it is considered advisable at present to retain this on the Admiralty Charts, although the vagueness of the position given by the pearl-shell divers is so great as to render it possible that this also may be identical with the 17 feet found by the *Paluma*; or may on the other hand be to the south of the area examined.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 28th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 80.

[First Publication.]

PACIFIC OCEAN.—NEW GUINEA, NORTH-EAST COAST.

Amended position of Matty island, and non-existence of Tiger island.

THE following Notice to Mariners, issued by the British Admiralty (No. 146 of 1894), is republished:—

Information has been received through the German Government that Captain Dallman reports that Tiger Island, marked on Admiralty charts in lat. $1^{\circ} 45' S.$, long. $142^{\circ} 19' E.$, does not exist, but is probably identical with Matty island, the correct position of which is lat. $1^{\circ} 45' S.$, long. $142^{\circ} 47' E.$, or 9 miles west of the position given on the Admiralty Charts.

Matty island is said to be 6 miles square, and to be thickly populated with a fine race of a light colour, unacquainted with the use of iron. The island is low and densely wooded.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 28th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 81.

BAY OF BENGAL—BURMA COAST.

"Spit" light-vessel sunk.

A TELEGRAPHIC communication has been received from the Port Officer, Rangoon, stating that the "Spit" light-vessel sank on the 29th April. Mariners are warned to be cautious.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 30th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 82.

BAY OF BENGAL—BURMA COAST.

Position of a water-logged junk.

CAUTION.—A telegraphic communication has been received from the Port Officer, Rangoon, stating that the Commander of the *Shahzada* reports having passed in the fairway a water-logged junk, 22 miles north-east of the Krishna shoal; also some wreckage. Mariners are warned accordingly.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 30th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 83.

[First Publication.]

CHINA SEA—BANGUEY WEST CHANNEL.

Buoy marking Rifleman rock.

THE British Admiralty has given notice (No. 155 of 1894) that a black buoy, surmounted by a white ball, has been placed on Rifleman rock, eastern side of northern entrance to Banguey West channel.

Approximate position, lat. $7^{\circ} 20' 15''$ N., long. $117^{\circ} 5'$ E.

B. P. CREAGH, *Comdr.*, R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 84.

[First Publication.]

CHINA SEA—COCHIN CHINA.

Shoal ground southward of point Logan.

THE British Admiralty has given notice (No. 156 of 1894) that the Commander of the Messageries Maritimes steamer *Melbourne* reports that on 6th October 1893, he obtained a sounding of $4\frac{1}{2}$ fathoms in a position with point Logan, bearing N. $\frac{1}{4}$ W. (N. 3° W.), distant $5\frac{1}{4}$ miles; and Guio point, W. by S. (S. 79° W.).

A depth of $5\frac{1}{2}$ fathoms was found $1\frac{1}{2}$ miles N.E., and the same depth three-quarters of a mile W.S.W. of the above position.

Approximate position, $4\frac{1}{2}$ fathoms, lat. $11^{\circ} 4\frac{3}{4}'$ N., long. $108^{\circ} 42\frac{1}{4}'$ E.

(Variation 3° Easterly in 1894.)

B. P. CREAGH, *Comdr.*, R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 85.

[First Publication.]

JAPAN—GULF OF TOKYO.

Fort constructing northward of Kannon Saki.

THE British Admiralty has given notice (No. 158 of 1894) that information has been received that the fort in course of construction in a position with Kannon Saki light-house, bearing S. by E. (S. 11° E.), distant $1\frac{2}{10}$ miles, and Saru Sima West, has now attained an elevation of upwards of 13 feet above high water.

The light buoy, showing a fixed red light, formerly moored southward, is now moored eastward of the fort.

Approximate position, fort, lat. $35^{\circ} 17' 10''$ N., long. $139^{\circ} 43' 35''$ E.

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, *Comdr.*, R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 86.

[First Publication.]

INDIAN OCEAN.

Positions of Bernodet and Solitary islands and Salamancy Rocks.

NOTICE to Mariners, No. 163 of 1894, issued by the British Admiralty, is republished for general information:—

With reference to Notices to Mariners, Nos. 29 of 1881 and 121 of 1891:—

Further information has been received from Mr. Greenstreet, commanding the steamer *Rimutaka*, that on 13th December 1893, when passing south of Kerguelen island, he sighted Mingan or Round island, which he estimated to be 300 feet high.

The Bernodet (Tremarec) islands were observed to be south (true) of Round island, or in lat. $50^{\circ} 0' S.$, long. $68^{\circ} 55' E.$; or very nearly in the position assigned to them by Mr. Robson, commanding the *Talavera*, in 1891, who placed them in lat. $50^{\circ} 1' S.$, long. $68^{\circ} 49' E.$

In consequence of these reports Bernodet islands are now placed on the Admiralty Charts in lat. $50^{\circ} 0' S.$, long. $68^{\circ} 52' E.$

Mr. Greenstreet also sighted the Salamanca rocks, originally reported by Mr. Robson of the *Salamanca* in 1880, who placed them in lat. $50^{\circ} 0' S.$, long. $69^{\circ} 30' E.$, but Mr. Greenstreet places them in lat. $49^{\circ} 55\frac{1}{2}' S.$, long. $69^{\circ} 32' E.$

The probable position of these rocks is lat. $49^{\circ} 58' S.$, long. $69^{\circ} 31' E.$, and they are now so shown on the Admiralty Charts.

Solitary island was also stated by the Commander of the *Talavera* to be 10 miles south of its charted position in 1891, or in lat. $50^{\circ} 0' S.$, long. $68^{\circ} 35' E.$, which has been accepted for the Admiralty Charts.

B. P. CREAGH, *Commr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 30th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 76.

[Second Publication.]

SOUTH INDIAN AND SOUTH PACIFIC OCEANS.

Provision depôts for relief of ship-wrecked mariners.

NOTICE to Mariners No. 133 of 1894, issued by the British Admiralty, is republished for general information:—

The following particulars of all the Provision depôts, established in the South Indian and South Pacific oceans, for the benefit of ship-wrecked persons, are again published for the information of mariners:—

1. CROZET ISLANDS—HOG ISLAND.—The provision depôt is a hut near the landing place on the eastern side of the island, $2\frac{1}{2}$ miles southward of the Five Giants, which lie off the north-east point of Hog island. In December 1887, the French vessel *La Meurthe* left at this depôt one ton of preserved beef, half a ton of biscuit, three-quarters of a hundred-weight of sardines in oil, 20 blankets, 15 pairs of shoes, and 15 pairs of cloth trousers, all carefully packed in boxes. Also 2 spears, 2 hatchets, and cooking utensils.

Approximate position: depôt, lat. $46^{\circ} 6\frac{1}{2}' S.$, long. $50^{\circ} 14\frac{1}{2}' E.$

1a. CROZET ISLANDS—POSSESSION ISLAND.—The provision depôt consists of huts situated about 100 yards from the coast in the south-east corner of American bay, which is on the east side of the island, and about 7 miles from Dark head, the north-east point. H. M. S. *Comus*, in 1880, left here sufficient provisions for 50 people for 50 days; also jerseys, trousers, stockings and shoes. The provisions were intact when Possession island was visited by the French vessel *La Meurthe* in December 1887.

Approximate position: depôt, lat. $46^{\circ} 23' S.$, long. $51^{\circ} 46\frac{1}{2}' E.$

2. KERGUELEN ISLAND.—The depôt established by the French Government is situated in the south-eastern part of Jachmann peninsula, Hillsborough bay, near the south-western shore of the eastern lake, and about half a mile northward of the coast, opposite Gazelle basin. It is in a cave at the foot of the west cliff of a rocky chasm running north and south, and its position is indicated by a stone cairn $11\frac{1}{2}$ feet in height, and about 14 feet broad at the base, erected on the summit of the west cliff of the chasm.

This cairn, visible from Gazelle basin, is painted black, and shows clearly against the grey rocks which form the background.

The entrance to the cave has been closed by large stones, and on the cliff a few yards above it is the inscription—

Vivres et Vêtements, Eure, Janvier 1893.

Approximate position: lat. $49^{\circ} 16' 45'' S.$, long. $69^{\circ} 40' 30'' E.$

This depôt contains:—

- 2,250 lbs. of preserved beef in boxes of 9 lbs.
- 1,125 lbs. of biscuits.
- 20 swan-skin shirts.
- 20 pairs of woollen drawers.
- 20 woollen blankets.
- 4 packets of matches.

The boxes of preserved beef are stowed in a pile, coated with coal tar. The biscuits are in 4 iron-hooped barrels, thickly covered with coal tar. The clothes are in two similar barrels. The matches are in a box similar to the beef boxes, painted with minium (red lead) and with a label of the contents on it.

In the event of the cairn being destroyed, the following directions should be followed to find the depôt. Land on the north side of the inlet opposite Gazelle basin, in a small

creek, sheltered by a rocky point, where boats may go alongside under any circumstances of wind or tide. Proceed directly inland about half a mile as far as the shore of the lake, then turn to the westward and follow the lake to its western end, where the chasm in which the depôt is situated will be seen on the left land.

3. ST. PAUL ISLAND.—The depôt established by the French Government is in a hut of rough stones with a thatched roof, situated on the northern side of the crater near the jetty and about 50 yards from the flagstaff:—

Approximate position: lat. $38^{\circ} 42' 45''$ S., long. $77^{\circ} 34' 40''$ E.

This depôt contains:—

- 1,350 lbs. of preserved beef in boxes of 9 lbs.
- 1,125 lbs. of biscuits.
- 10 woollen shirts.
- 10 blankets.
- 1 soldered metal box containing 4 packets of matches.

The provisions and clothes are in 13 iron-hooped barrels, coated with tar and sand, and placed under a tarpaulin. On the door of the hut is the inscription *France, Vivres et Vêtements pour naufragés, Eure, Janvier 1893*, and a similar inscription is on a board within the hut.

4. AMSTERDAM ISLAND.—The depôt established by the French Government is in a large cavern in the side of a hill, about W. by S. $\frac{1}{2}$ S. (S. 73° W.), 800 yards from Hosken point, the north-east extreme of the island, and bears W. $\frac{1}{2}$ N. (N. 85° W.), distant about 600 yards, from the first flagstaff southward of that point.

At the entrance to the cavern is a board, fixed to two upright tarred posts, with the inscription, *France, Vivres, Vêtements pour naufragés, Eure, Janvier 1893*, on it.

This depôt contains:—

- 1,350 lbs. of preserved beef.
- 1,125 lbs. of biscuits.
- 10 woollen shirts.
- 10 pairs cotton drawer.
- 10 blankets.

One soldered metal red box containing 4 packets of matches.

Approximate position: lat. $37^{\circ} 48' 50''$ S., long. $77^{\circ} 32' 30''$ E.

The landing place used by the *Eure* is about 400 yards southward of Hosken point, and under the flagstaff mentioned above.

Directions for finding the depôt on Amsterdam:—Having landed, go to either of the flagstaffs, from whence a cross will be seen; from the cross follow the direction of its arms, leading past two ruins of rough stones, and then directly to the cavern, the entrance to which faces seaward. In the cavern, besides the provisions and clothing, there are cots, a cooking pot, and dry wood, left by the fishermen who sometimes live there. Cabbage and celery will be found near, and fish and lobsters (crawfish) abound near the landing place.

The following depôts are maintained by the Government of New Zealand. Those on Auckland, Campbell, Antipodes, Bounty, and Snares islands are visited by a steamer twice a year, and those on Kermadec islands once a year. Finger-posts to indicate the positions of the depôts are to be erected on all these islands.

5. SNARES ISLANDS.—A provision depôt will be established on North-east island during 1894; it will be situated in Boat harbour at the eastern end of the island.

Approximate position: lat. $45^{\circ} 4' 35''$ S., long. $166^{\circ} 34'$ E.

6. AUCKLAND ISLANDS.—There are three depôts: one, a square wooden house on the south side of Erebus cove, port Ross, on the east side, and at the northern end of the principal island; the second will be placed at the head of Norman inlet, in the middle of the east coast of the principal island, during 1894; the third is in the western arm of Camp cove, Carnley harbour, at the south end of the principal island.

A life-boat has been placed on Enderby island, the north-eastern of the group; another at the north-west end of Adams island, the southern of the group; and one will be placed on Rose island, immediately south-west of Enderby island, during 1894.

Approximate position: Erebus cove depôt, lat. $50^{\circ} 33\frac{1}{2}'$ S., long. $166^{\circ} 12'$ E.

Approximate position: Norman inlet depôt, lat. $50^{\circ} 40\frac{1}{2}'$ S., long. $166^{\circ} 8'$ E.

Approximate position: Camp cove depôt, lat. $50^{\circ} 52\frac{1}{4}'$ S., long. $166^{\circ} 3'$ E.

7. CAMPBELL ISLAND.—The depôt's position, indicated by a white staff, is in Tucker cove, at the head of South or Perseverance harbour, on the east side of the island.

Approximate position: lat. $52^{\circ} 33\frac{1}{2}'$ S., long. $169^{\circ} 6\frac{1}{2}'$ E.

8. ANTIPODES ISLANDS.—The depôt is a hut at an elevation of 100 feet above the sea, visible from some distance north-eastward, and situated 300 feet from the landing place, which is on the north-east side of the large island, and half a mile westward of its east point.

Approximate position, lat. $49^{\circ} 41\frac{1}{4}'$ S., long. $178^{\circ} 43'$ E.

9. BOUNTY ISLANDS.—The depôt is a hut at an elevation of 120 feet above the sea, visible from the northward, and situated southward of the western inlet of the principal island—the north-eastern—of the Western group of the Bounty islands.

Approximate position: lat. $47^{\circ} 43\frac{1}{4}'$ S., long. $179^{\circ} 0\frac{1}{2}'$ E.

10. KERMADEC ISLANDS.—There are two depôts, each a small galvanised iron shed, fitted with spouting and a tank to catch water, and containing a supply of biscuits, medicines, tools, &c. One is situated on the southern side of Macdonald cove (crater), on the north-west side of Curtis island; the other at Lava cascade, about $1\frac{1}{2}$ cables south-eastward of the northern point of Macauley island.

Approximate position: Macauley island depôt, lat. $30^{\circ} 15'$ S., long. $178^{\circ} 31'$ W.

Approximate position: Curtis I. depôt, lat. $30^{\circ} 35'$ S., long. $178^{\circ} 36'$ W.

(Variation (4) 21° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 21st April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 66.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Sandoway buoy adrift.

A TELEGRAPHIC communication has been received, stating that Port Officer, Akyab, has given notice that Sandoway buoy is adrift.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 9th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 67.

[Third Publication.]

INDIA, EAST—MADRAS COAST.

Change of site of existing light at Calingapatam; pending exhibition of the new light.

THE Acting Presidency Port Officer, Madras, has given notice (No. 4 of 1894) that from and after the 1st June 1894 the red dioptric port light at this port will be exhibited from the top of a temporary wooden structure, sixteen feet in height, standing on a sand hill, bearing S. W. by S. (magnetic) of the permanent column from which the light has hitherto been displayed, and distant therefrom 403 feet.

2. The light in its new position will be 37 feet above high water, and should be visible from seaward at a distance of eight miles on the following magnetic bearings, viz.—

N. E. through W. to S. W.

3. Information respecting the date on which the new light will be displayed, will be issued in due course. (See Notices to Mariners, Nos. 276 of 1893 and 24 of 1894, issued by this office).

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 9th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 68.

[Third Publication.]

EASTERN ARCHIPELAGO,—MOLUCCAS—HALMAHERA ISLAND.

Sunken reef off the extremity of the S. E. peninsula.

THE following Notice to Mariners, issued by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 9, dated Batavia the 17th March 1894, is republished:—

The Master of the steamer *Gamphuys* reports the existence of a coral reef, about 3,3 cables long in a N. W. and S. E. direction, and 1,1 cables broad, with depths of 3 to 10

fathoms on it, lying in *Weeda* bay, near the extremity of *Halmahera* S. E. peninsula (Cape *Tabo* or *Toetoeli*), with *Kg. Gam Soengei*, bearing N. W. $\frac{1}{2}$ W., and *Moeor* islet N. point in line with the most southern point of the coast, E. $\frac{1}{8}$ S.

Approximate position: lat. $0^{\circ} 8' N.$, long. $128^{\circ} 46' 30'' E.$

Bearings true.

This notice affects the chart: *Moluksche Archipel*, blad I, 1889.

B. P. CREAGH, *Comdr., R.I.M.*,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 69.

[Third Publication.]

INDIA, SOUTH.

CEYLON COAST—PALK STRAIT.

Beacons in the approach to Jaffnapatam.

THE Officer in charge of the Marine Survey of India has given notice, dated 3rd April 1894, that a white stone beacon, about 30 feet high, has been erected on the south-east end of Delft island; it marks the position of the station used by the Great Trigonometrical Survey of India when triangulating between India and Ceylon.

Approximate position lat. $9^{\circ} 28' 50'' N.$, long. $79^{\circ} 41' 20'' E.$

Similar beacons, 25 feet high, and whose summits are about 35 feet above high water, mark other trigonometrical stations; their approximate positions are as follows:—

Punkudativu beacon (*Pungre Tivo*), lat. $9^{\circ} 34' 25'' N.$, long. $79^{\circ} 49' 25'' E.$

Palaitivu beacon, lat. $9^{\circ} 29' 18'' N.$, long. $79^{\circ} 59' 10'' E.$

Kalmunai beacon, lat. $9^{\circ} 36' 20'' N.$, long. $80^{\circ} 01' 15'' E.$

An Obelisk, from which it is proposed to exhibit a green light, has been erected at the entrance to the boat channel leading to Jaffnapatam.

B. P. CREAGH, *Comdr., R.I.M.*,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 70.

[Third Publication.]

EASTERN ARCHIPELAGO—JAVA, NORTH COAST.

Buoy on Pekalongan road.

THE following Notice to Mariners issued by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 10, dated Batavia, the 22nd March 1894, is republished for general information:—

With reference to Notice to Mariners No. 38, Batavia, 1893 (See *Javasche Courant* No. 104, 1893, and Nos. 1 and 2, 1894), notice is hereby given that the temporary buoy, moored on *Pekalongan* road, on about the spot where the masts, anchors and other riggings of the burned ship *Ben Macdhui* are sunk, will be withdrawn, and in lieu thereof a conical buoy, painted red, with a white horizontal stripe with the word "*Wreck*" in black letters, will be moored outside (N. side) of the abovementioned danger, in a position with *Pekalongan* harbour light bearing S. by E., in $3\frac{1}{2}$ fathoms water.

This notice affects the charts; *Nederlandsch Oost-Indië*, blad II, 1867; *Java Zee en aangr. vaarw.* blad II, 1887; *Java* blad II, 1892; *Noordkust Java*, blad III, 1887; *Noordkust Java*, blad IV, 1888, and *Reede Pekalongan*, 1888.

B. P. CREAGH, *Comdr., R.I.M.*,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 71.

[Third Publication.]

AUSTRALIA—SOUTH COAST—PRINCESS ROYAL HARBOUR.

Newly dredged channel through narrows.

THE British Admiralty has given notice (No. 116 of 1894) that the channel leading from King George sound into Princess Royal harbour has been dredged to a depth of 30 feet at low water springs for a width of 400 feet.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 72.

[Third Publication.]

PACIFIC OCEAN—NEW GUINEA, NORTH-EAST COAST.

Reported dangers.

THE British Admiralty has given notice (No. 120 of 1894) of the existence of the following dangers on the north-east coast of New Guinea:—

1. A reef, about half a cable in extent east and west, and on which the sea breaks in bad weather, lies about 2 miles offshore, at 10 miles westward of cape Lapar, or approximately in lat. $3^{\circ} 3' S.$, long. $142^{\circ} 11' E.$

2. Paris island and Unei appear to be connected by a reef; the passages between Paris island and Guap, and Gressien island and Guap are reported to be free from dangers.

Approximate position, Paris island, lat. $3^{\circ} 21' S.$, long. $143^{\circ} 24' E.$

3. A narrow reef, about a cable long east and west, and with depths of 5 to 6 feet on it, lies in the eastern approach to Dallman harbour, in a position with Meta island, bearing $W. \frac{1}{4} N.$ (N. $87^{\circ} W.$), distant 4 miles; and east extreme D'Urville island N. N. W. $\frac{3}{4} W.$ (N. $31^{\circ} W.$); or approximately in lat. $3^{\circ} 26' S.$, long. $143^{\circ} 39' E.$

4. A rock, with a depth of 6 feet on it, lies midway between Bilibili island and the coast, or approximately in lat. $5^{\circ} 20' S.$, long. $145^{\circ} 45\frac{1}{2}' E.$

5. The rock marked on the chart about 2 miles north-eastward of cape King, the north point of Rook island, lies about 2 miles north-westward of that position, or approximately in lat. $5^{\circ} 24\frac{1}{2}' S.$, long. $147^{\circ} 48\frac{1}{2}' E.$ Two small reefs lie one mile offshore at 6 miles eastward of cape King.

6. A shoal lies 3 miles W. by N. (N. $79^{\circ} W.$) from Heyn island, or approximately in lat. $5^{\circ} 23\frac{1}{2}' S.$, long. $147^{\circ} 42\frac{1}{2}' E.$

(Variation $\left\{ \begin{array}{l} 3\ldots 4^{\circ} \\ 6\ldots 5^{\circ} \end{array} \right\}$ Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 73.

[Third Publication.]

JAPAN—YEZO ISLAND, SOUTH COAST.

Sunken reef reported north-eastward of Tatsumino se.

THE British Admiralty has given notice (No. 121 of 1894) of the existence of a sunken reef, on which the sea was breaking heavily, lying about one mile N. E. by E. (N. $56^{\circ} E.$) from Tatsumino se (rock), or approximately in lat. $43^{\circ} 15' N.$, long. $145^{\circ} 43' E.$

(Variation 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 14th April 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 74.

[Third Publication.]

JAPAN—SURUGA GULF.

Channel eastward of Arasima closed.

THE British Admiralty has given notice (No. 122 of 1894) that the channel eastward of Arasima (Awashima), Yeno ura, has been permanently closed by fishing nets.

Approximate position, lat. $35^{\circ} 2' N.$, long. $138^{\circ} 53' E.$

(2) Seto uchi—Rocks in northern part of Bingo nada.

Also, that Lieutenant S. Miura reports the existence of two rocks in the northern part of Bingo nada:—

a. A rock (named Konoishi), one foot high, lies in the eastern approach to Tomo, in a position with the west extreme of Hasiri bearing S. $\frac{1}{4}$ E. ($S. 2^{\circ} E.$), distant $1\frac{1}{2}$ miles; and south extreme of Kitangi E. $\frac{1}{4}$ S. ($S. 87^{\circ} E.$)

Approximate position, lat. $34^{\circ} 22' N.$, long. $133^{\circ} 25' E.$

b. A rock (named Misaki Dashi), with a depth of $3\frac{3}{4}$ fathoms on it at low water, lies with Mutsu sima west extreme bearing S. by W. $\frac{1}{4}$ W. ($S. 14^{\circ} W.$), distant $1\frac{3}{4}$ miles; and Manabe south extreme E. by N. $\frac{1}{2}$ N. ($N. 73^{\circ} E.$)

Approximate position, lat. $34^{\circ} 20\frac{1}{4}' N.$, long. $133^{\circ} 31\frac{1}{2}' E.$

(3) Seto uchi—Sunken wreck in western part of Suwo nada.

Also, that Captain T. Nomura, Japanese vessel-of-war *Matsushima*, reports that on 28th December 1893 he passed a sunken wreck with two masts showing about 30 feet above water, lying south-westward of Motoyama saki, near the usual track of vessels, or approximately in lat. $33^{\circ} 54\frac{3}{4}' N.$, long. $131^{\circ} 8\frac{1}{4}' E.$

(Variation (2) 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 75.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

The "Spit" light-vessel moved from her present position.

THE Port Officer, Rangoon, has given notice of the light-vessel *Spit* being moved, on or about the 13th instant, to a position S. $15\frac{1}{2}^{\circ}$ W. (magnetic), and distant $14\frac{1}{2}$ cables from her present position.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.



APPENDIX TO
The Calcutta Gazette.

WEDNESDAY, MAY 9, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 87.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Anchoring buoy adrift.

THE Port Officer, Chandbally, has given notice, dated 30th ultimo, that the anchoring buoy on the Balasore Roads has broken adrift, and will be replaced as early as practicable.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 5th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 88.

[First Publication.]

BAY OF BENGAL—BURMA COAST—MERGUI ARCHIPELAGO.

Certain beacons and landmarks missing at Mergui.

THE Port Officer, Rangoon, through the Officiating Director of the Royal Indian Marine, has given notice that the following beacons and landmarks are missing at Mergui:—

- (1) Both Eastern and Western beacons at the entrance to the port.
- (2) The Pagoda shown on the chart as Tree Pagoda; also the Flagstaff at the Deputy Commissioner's house.
- (3) The Basket beacon on the trees north of the town is invisible from seaward and therefore useless.

A temporary beacon has been erected on the Spit extending off Kalwin point, two cables south of the position of the old one. This beacon consists of a pole surmounted by a ball.

The beacon in Fell's passage off Pigali island is also missing.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information

CALCUTTA, the 7th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 77.

[Second Publication.]

CHINA SEA—SHANGHAI DISTRICT.

Position of a shoal patch.

THE following Notice to Mariners issued by the Inspector-General of Customs, Shanghai, No. 283, dated 20th March 1894, is republished for general information:—

Notice is hereby given that Captain R. Morgan, of the British S.S. *Feilung*, reports that on the 19th instant, he crossed, from north to south, a shoal patch, having from 6½

to 7 fathoms, fine sand, for about 3 miles and then deepening to 13 fathoms, blue mud, the position of the middle of the shoal in the line where the *Feilung* crossed it being latitude $32^{\circ} 18' 30''$ N., longitude $122^{\circ} 27'$ E., in which locality the Admiralty Chart No. 1262 shows from 18 to 20 fathoms.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 78.

[Second Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Exhibition of a white light on the approach to port Perie.

THE Secretary to the Marine Board, port Adelaide, has given notice (No. 3 of 1894), that on or about the 1st of August, 1894, the Lightship in Germein Bay will be discontinued, and in lieu thereof a White Light will be exhibited from the sea end of Port Germein Jetty, visible ten (10) miles. Further notice will be given.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 79.

[Second Publication.]

AUSTRALIA—NORTH COAST—TORRES STRAIT, WESTERN APPROACH.

Search for reported rocks southward of Bramble patch.

WITH reference to Notice to Mariners, No. 72, dated 20th March 1893, issued by this office, the British Admiralty has given further notice (No. 142 of 1894) that a close but unsuccessful search has been made by Lieutenant and Commander Heming, H.M. Surveying vessel *Paluma*, for the rocks reported to exist in (1) lat. $10^{\circ} 32\frac{3}{4}'$ S., long. $141^{\circ} 35\frac{1}{4}'$ E., (2) lat. $10^{\circ} 37\frac{3}{4}'$ S., long. $141^{\circ} 34\frac{1}{2}'$ E.

Whilst it is impossible to say positively that these reported rocks do not exist in the area examined, which extends for four miles each side of the positions given by the pearl-shell divers, it appears highly probable that (1) the northern of the two is identical with the West Bramble patch, on which the *Paluma* found a depth of 17 feet; see Notice to Mariners No. 97 of 1894. This has therefore been expunged from the Admiralty Charts.

With reference to (2), the southern of the two reported rocks, it is considered advisable at present to retain this on the Admiralty Charts, although the vagueness of the position given by the pearl-shell divers is so great as to render it possible that this also may be identical with the 17 feet found by the *Paluma*; or may on the other hand be to the south of the area examined.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 80.

[Second Publication.]

PACIFIC OCEAN.—NEW GUINEA, NORTH-EAST COAST.

Amended position of Matty island, and non-existence of Tiger island.

THE following Notice to Mariners, issued by the British Admiralty (No. 146 of 1894), is published:—
General information has been received through the German Government that Captain Dallman reports that the *Tiger Island*, marked on Admiralty charts in lat. $1^{\circ} 45'$ S., long. $142^{\circ} 19'$ E., does not exist, but is probably identical with Matty island, the correct position of which is lat. $1^{\circ} 45'$ S., long. $142^{\circ} 47'$ E., or 9 miles west of the position given on the Admiralty Charts.

Matty island is said to be 6 miles square, and to be thickly populated with a fine race of a light colour, unacquainted with the use of iron. The island is low and densely wooded.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 81.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

"Spit" light-vessel sunk.

A TELEGRAPHIC communication has been received from the Port Officer, Rangoon, stating that the "*Spit*" light-vessel sank on the 29th April. Mariners are warned to be cautious.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 82.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Position of a water-logged junk.

Caution.—A telegraphic communication has been received from the Port Officer, Rangoon, stating that the Commander of the *Shahzada* reports having passed in the fairway a water-logged junk, 22 miles north-east of the Krishna shoal; also some wreckage. Mariners are warned accordingly.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 83.

[Second Publication.]

CHINA SEA—BANGUEY WEST CHANNEL.

Buoy marking Rifleman rock.

THE British Admiralty has given notice (No. 155 of 1894) that a black buoy, surmounted by a white ball, has been placed on Rifleman rock, eastern side of northern entrance to Banguey West channel.

Approximate position, lat. $7^{\circ} 20' 15''$ N., long. $117^{\circ} 5'$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 84.

[Second Publication.]

CHINA SEA—COCHIN CHINA.

Shoal ground southward of point Logan.

THE British Admiralty has given notice (No. 156 of 1894) that the Commander of Messageries Maritimes steamer *Melbourne* reports that on 6th October 1893, he obtained a sounding of $4\frac{1}{2}$ fathoms in a position with point Logan, bearing N. $\frac{1}{4}$ W. (N. 3° W.) at a distance of $5\frac{1}{2}$ miles; and Guio point, W. by S. (S. 79° W.).

A depth of $5\frac{1}{2}$ fathoms was found $1\frac{1}{2}$ miles N.E., and the same depth the same distance of a mile W.S.W. of the above position.

Approximate position, $4\frac{1}{2}$ fathoms, lat. $11^{\circ} 4\frac{3}{4}'$ N., long. $108^{\circ} 15'$ E.

(Variation 3° Easterly in 1894.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA the 30th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 85.

[Second Publication.]

JAPAN—GULF OF TOKYO.

Fort constructing northward of Kannon Saki.

THE British Admiralty has given notice (No. 158 of 1894) that information has been received that the fort in course of construction in a position with Kannon Saki light-house, bearing S. by E. (S. 11° E.), distant $1\frac{1}{10}$ miles, and Saru Sima West, has now attained an elevation of upwards of 13 feet above high water.

The light buoy, showing a fixed red light, formerly moored southward, is now moored eastward of the fort.

Approximate position, fort, lat. $35^{\circ} 17' 10''$ N., long. $139^{\circ} 43' 35''$ E.

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 30th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 86.

[Second Publication.]

INDIAN OCEAN.

Positions of Bernodet and Solitary islands and Salamanca rocks.

NOTICE to Mariners, No. 163 of 1894, issued by the British Admiralty, is republished for general information:—

With reference to Notices to Mariners, Nos. 29 of 1881 and 121 of 1891:—

Further information has been received from Mr. Greenstreet, commanding the steamer *Rimutaka*, that on 13th December 1893, when passing south of Kerguelen island, he sighted Mingan or Round island, which he estimated to be 300 feet high.

The Bernodet (Tremarec) islands were observed to be south (true) of Round island, or in lat. $50^{\circ} 0'$ S., long. $68^{\circ} 55'$ E.; or very nearly in the position assigned to them by Mr. Robson, commanding the *Talavera*, in 1891, who placed them in lat. $50^{\circ} 1'$ S., long. $68^{\circ} 49'$ E.

In consequence of these reports Bernodet islands are now placed on the Admiralty Charts in lat. $50^{\circ} 0'$ S., long. $68^{\circ} 52'$ E.

Mr. Greenstreet also sighted the Salamanca rocks, originally reported by Mr. Robson of the *Salamanca* in 1880, who placed them in lat. $50^{\circ} 0'$ S., long. $69^{\circ} 30'$ E., but Mr. Greenstreet places them in lat. $49^{\circ} 55\frac{1}{2}'$ S., long. $69^{\circ} 32'$ E.

The probable position of these rocks is lat. $49^{\circ} 58'$ S., long. $69^{\circ} 31'$ E., and they are now so shown on the Admiralty Charts.

Solitary island was also stated by the Commander of the *Talavera* to be 10 miles south of its charted position in 1891, or in lat. $50^{\circ} 0'$ S., long. $68^{\circ} 35'$ E., which has been accepted for the Admiralty Charts.

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 30th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 76.

[Third Publication.]

SOUTH INDIAN AND SOUTH PACIFIC OCEANS.

Provision depôts for relief of ship-wrecked mariners.

NOTICE to Mariners No. 133 of 1894, issued by the British Admiralty, is republished for information:—

Mapping particulars of all the Provision depôts, established in the South Indian and South Pacific Oceans, for the benefit of ship-wrecked persons, are again published for the information of seamen:—

1. CROZET ISLANDS—HOG ISLAND.—The provision depôt is a hut near the landing place on the eastern side of the island, $2\frac{1}{4}$ miles southward of the Five Giants, which lie off the north-east point of Hog island. In December 1887, the French vessel *La Mewthe* left at this depôt one ton of preserved beef, half a ton of biscuit, three-quarters of a hundred-weight of sardines in oil, 20 blankets, 15 pairs of shoes, and 15 pairs of cloth trousers, all carefully packed in boxes. Also 2 spears, 2 hatchets, and cooking utensils.

Approximate position: depôt, lat. $46^{\circ} 6\frac{1}{2}'$ S., long. $50^{\circ} 14\frac{1}{2}'$ E.

1a. CROZET ISLANDS—POSSESSION ISLAND.—The provision depôt consists of huts situated about 100 yards from the coast in the south-east corner of American bay, which is on the east side of the island, and about 7 miles from Dark head, the north-east point. H. M. S. *Comus*, in 1880, left here sufficient provisions for 50 people for 50 days; also jerseys, trousers, stockings and shoes. The provisions were intact when Possession island was visited by the French vessel *La Meurthe* in December 1887.

Approximate position: depôt, lat. $46^{\circ} 23' S.$, long. $51^{\circ} 46\frac{1}{2}' E.$

2. KERGUELEN ISLAND.—The depôt established by the French Government is situated in the south-eastern part of Jachmann peninsula, Hillsborough bay, near the south-western shore of the eastern lake, and about half a mile northward of the coast, opposite Gazelle basin. It is in a cave at the foot of the west cliff of a rocky chasm running north and south, and its position is indicated by a stone cairn $11\frac{1}{2}$ feet in height, and about 14 feet broad at the base, erected on the summit of the west cliff of the chasm.

This cairn, visible from Gazelle basin, is painted black, and shows clearly against the grey rocks which form the background.

The entrance to the cave has been closed by large stones, and on the cliff a few yards above it is the inscription—

Vivres et Vêtements, Eure, Janvier 1893.

Approximate position: lat. $49^{\circ} 16' 45'' S.$, long. $69^{\circ} 40' 30'' E.$

This depôt contains:—

- 2,250 lbs. of preserved beef in boxes of 9 lbs.
- 1,125 lbs. of biscuits.
- 20 swan-skin shirts.
- 20 pairs of woollen drawers.
- 20 woollen blankets.
- 4 packets of matches.

The boxes of preserved beef are stowed in a pile, coated with coal tar. The biscuits are in 4 iron-hooped barrels, thickly covered with coal tar. The clothes are in two similar barrels. The matches are in a box similar to the beef boxes, painted with minium (red lead) and with a label of the contents on it.

In the event of the cairn being destroyed, the following directions should be followed to find the depôt. Land on the north side of the inlet opposite Gazelle basin, in a small creek, sheltered by a rocky point, where boats may go alongside under any circumstances of wind or tide. Proceed directly inland about half a mile as far as the shore of the lake, then turn to the westward and follow the lake to its western end, where the chasm in which the depôt is situated will be seen on the left land.

3. ST. PAUL ISLAND.—The depôt established by the French Government is in a hut or rough stones with a thatched roof, situated on the northern side of the crater near the jetty and about 50 yards from the flagstaff:—

Approximate position: lat. $38^{\circ} 42' 45'' S.$, long. $77^{\circ} 34' 40'' E.$

This depôt contains:—

- 1,350 lbs. of preserved beef in boxes of 9 lbs.
- 1,125 lbs. of biscuits.
- 10 woollen shirts.
- 10 blankets.
- 1 soldered metal box containing 4 packets of matches.

The provisions and clothes are in 13 iron-hooped barrels, coated with tar and sand, and placed under a tarpaulin. On the door of the hut is the inscription *France, Vivres et Vêtements pour naufragés, Eure, Janvier 1893*, and a similar inscription is on a board within the hut.

4. AMSTERDAM ISLAND.—The depôt established by the French Government is in a large cavern in the side of a hill, about W. by S. $\frac{1}{2}$ S. ($S. 73^{\circ} W.$), 800 yards from Hosken point, the north-east extreme of the island, and bears W. $\frac{1}{2}$ N. ($N. 85^{\circ} W.$), distant about 600 yards, from the first flagstaff southward of that point.

At the entrance to the cavern is a board, fixed to two upright tarred posts, with the inscription, *France, Vivres, Vêtements pour naufragés, Eure, Janvier 1893*, on it.

This depôt contains:—

- 1,350 lbs. of preserved beef.
- 1,125 lbs. of biscuits.
- 10 woollen shirts.
- 10 pairs cotton drawer.
- 10 blankets.

One soldered metal red box containing 4 packets of matches.

Approximate position: lat. $37^{\circ} 48' 50'' S.$, long. $77^{\circ} 32' 30'' E.$

The landing place used by the *Eure* is about 400 yards southward of Hosken point, and under the flagstaff mentioned above.

Directions for finding the depôt on Amsterdam:—Having landed, go to either of the flagstuffs, from whence a cross will be seen; from the cross follow the direction of its arms, leading past two ruins of rough stones, and then directly to the cavern, the entrance to which faces seaward. In the cavern, besides the provisions and clothing, there are cots, a cooking pot, and dry wood, left by the fishermen who sometimes live there. Cabbage and celery will be found near, and fish and lobsters (crawfish) abound near the landing place.

The following depôts are maintained by the Government of New Zealand. Those on Auckland, Campbell, Antipodes, Bounty, and Snares islands are visited by a steamer twice a year, and those on Kermadec islands once a year. Finger-posts to indicate the positions of the depôts are to be erected on all these islands.

5. **SNARES ISLANDS.**—A provision depôt will be established on North-east island during 1894; it will be situated in Boat harbour at the eastern end of the island.
Approximate position: lat. $45^{\circ} 4' 35''$ S., long. $166^{\circ} 34'$ E.

6. **AUCKLAND ISLANDS.**—There are three depôts: one, a square wooden house on the south side of Erebus cove, port Ross, on the east side, and at the northern end of the principal island; the second will be placed at the head of Norman inlet, in the middle of the east coast of the principal island, during 1894; the third is in the western arm of Camp cove, Carnley harbour, at the south end of the principal island.

A life-boat has been placed on Enderby island, the north-eastern of the group; another at the north-west end of Adams island, the southern of the group; and one will be placed on Rose island, immediately south-west of Enderby island, during 1894.

Approximate position: Erebus cove depôt, lat. $50^{\circ} 33\frac{1}{2}'$ S., long. $166^{\circ} 12'$ E.

Approximate position: Norman inlet depôt, lat. $50^{\circ} 40\frac{1}{2}'$ S., long. $166^{\circ} 8'$ E.

Approximate position: Camp cove depôt, lat. $50^{\circ} 52\frac{1}{2}'$ S., long. $166^{\circ} 3'$ E.

7. **CAMPBELL ISLAND.**—The depôt's position, indicated by a white staff, is in Tucker cove, at the head of South or Perseverance harbour, on the east side of the island.
Approximate position: lat. $52^{\circ} 33\frac{1}{2}'$ S., long. $169^{\circ} 6\frac{1}{2}'$ E.

8. **ANTIPODES ISLANDS.**—The depôt is a hut at an elevation of 100 feet above the sea, visible from some distance north-eastward, and situated 300 feet from the landing place, which is on the north-east side of the large island, and half a mile westward of its east point.
Approximate position, lat. $49^{\circ} 41\frac{1}{2}'$ S., long. $178^{\circ} 43'$ E.

9. **BOUNTY ISLANDS.**—The depôt is a hut at an elevation of 120 feet above the sea, visible from the northward, and situated southward of the western inlet of the principal island—the north-eastern—of the Western group of the Bounty islands.
Approximate position: lat. $47^{\circ} 43\frac{1}{2}'$ S., long. $179^{\circ} 0\frac{1}{2}'$ E.

10. **KERMADEC ISLANDS.**—There are two depôts, each a small galvanised iron shed, fitted with spouting and a tank to catch water, and containing a supply of biscuits, medicines, tools, &c. One is situated on the southern side of Macdonald cove (crater), on the north-west side of Curtis island; the other at Lava cascade, about $1\frac{1}{2}$ cables south-eastward of the northern point of Macauley island.

Approximate position: Macauley island depôt, lat. $30^{\circ} 15'$ S., long. $178^{\circ} 31'$ W.

Approximate position: Curtis I. depôt, lat. $30^{\circ} 35'$ S., long. $178^{\circ} 36'$ W.

(Variation (4) 21° Westerly in 1894.)

B. P. CREAGH, Comdr., R.N.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 21st April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTIFICATION.

The 4th May 1894.

Can. 23 Marine.—The following revised form for granting certificates of survey to inland steam vessels under Act VI of 1884, which it is proposed to issue under section 21 of the Act in supersession of the form sanctioned under Notification No. 90 Marine, dated the 25th April 1890, which was published at page 13 of the Appendix to the Calcutta Gazette of the 7th May following, is published for general information. The form will be taken into consideration on the expiry of a month from the date of its first publication in the Gazette, and the Lieutenant-Governor will receive and give due attention to any objections or suggestions which may be made by any person within that period.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MAY 16, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 89.

[First Publication.]

CHINA SEA—SINGAPORE—SALAT SINKI.

Ajax light-ship replaced by a temporary light-vessel.

WITH reference to Notice to Mariners No. 287, dated the 11th December 1893, issued by this office, the Government of the Straits Settlements has given further notice, that on the 10th proximo, the *Ajax* light-ship will be replaced by a temporary light-vessel showing two vertical bright lights ten feet apart visible all round at a distance of 9 miles.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 90.

[First Publication.]

TASMANIA, EAST COAST—D'ENTRECASTEAUX CHANNEL.

Shoal south-west of Snake island.

THE British Admiralty has given notice (No. 167 of 1894) of the existence of a rocky shoal, $1\frac{1}{2}$ cables in length, W.N.W. and E.S.E., and half a cable in breadth, with depths of 6 to 10 feet on it, lying with the south extreme of Snake island, bearing from its centre N.E. $\frac{3}{4}$ E. (N. 53° E.), distance $2\frac{1}{10}$ cables.

There are depths of 5 fathoms half a cable south-westward of the shoal, and a channel with about 20 feet water between it and the rock which dries south-westward of Snake island.

Approximate position, centre of shoal, lat. $43^{\circ} 10' 45''$ S., long. $147^{\circ} 17' 45''$ E.

(Variation 9° Easterly in 1894.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 91.

[First Publication.]

JAPAN—SETO UCHI—SIMONOSEKI STRAIT.

Alteration in position of Eastern Middle ground buoy.

THE British Admiralty has given notice (No. 173 of 1894) that eastern Middle ground (Nakano su) buoy (black, with staff and cage), has been moved E. by N. (N. 79° E.), $3\frac{3}{4}$ cables, and now lies in $5\frac{1}{4}$ fathoms at low water, with Isaki light-house, bearing S.S.W. (S. 23° W.), distant $11\frac{3}{4}$ cables; and Kanabuse beacon W. $\frac{1}{4}$ S. (S. 87° W.).

Approximate position, lat. $33^{\circ} 58' 45''$ N., long. $131^{\circ} 1' 25''$ E.

(Variation 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 92.

[First Publication.]

JAPAN, WEST COAST—HAYASAKI CHANNEL—SHIMABARA GULF.

Gotsu reef beacon destroyed.

THE British Admiralty has given notice (No. 181 of 1894) that the beacon (a white staff), which previously marked Gotsu reef, Hayasaki channel, entrance to Shimabara gulf, has been destroyed in a typhoon.

Approximate position, lat. $32^{\circ} 34' 30''$ N., long. $130^{\circ} 6' 15''$ E.

B. P. CREAGH Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 93.

[First Publication.]

AUSTRALIA, EAST COAST—MORETON BAY.

Buoy marking sunken wreck northward of Cape Moreton.

THE British Admiralty has given notice (No. 182 of 1894) that a green buoy has been placed one cable N.N.E. (N. 22° E.) from the wreck of the Danish barque *Aarhus*, which lies sunk in a depth of 12 fathoms, with the topmasts showing above water, in a position with Cape Moreton light-house bearing about S. $\frac{1}{2}$ W. (S. 5° W.), distant $2\frac{1}{4}$ miles.

Approximate position, wreck, lat. $27^{\circ} 0' S.$, long. $153^{\circ} 29\frac{1}{2}' E.$

(Variation 9° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 94.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Exact position of the water-logged junk.

tion.—With reference to Notice to Mariners No. 82, dated the 30th ultimo, issued by the Port Officer, Rangoon, has given further notice, that the position of the water-logged junk, passed by the Master of the S.S. *Shahzada*, is N. 65° E. distant 22 miles from the Krishna light-vessel; and that she lies in the fairway between the Krishna light-vessel and the Rangoon Pilot station.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 95.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA WEST COAST.

Reef west of Mansalar island.

THE following notice to mariners, issued by the Vice-Admiral Commanding the Naval forces in Netherlands India, No. 11, dated Batavia, 20th April 1894, is republished for general information:—

The Commander of H. N. M. *Sumatra* reports the existence of a breaking reef in approximate lat. $1^{\circ} 40' N.$, long. $98^{\circ} 18' E.$

This notice affects the charts: Nederlandsch Oost-Indie, blad I ... 1867;
 Noordelijk gedeelte Sumatra, ... 1893;
 Westkust Sumatra, Singkel tot Ilir, ... 1876.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 12th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 87.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Anchoring buoy adrift.

THE Port Officer, Chandbally, has given notice, dated 30th ultimo, that the anchoring buoy on the Balasore Roads has broken adrift, and will be replaced as early as practicable.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 5th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 88.

[Second Publication.]

BAY OF BENGAL—BURMA COAST—MERGUI ARCHIPELAGO.

Certain beacons and landmarks missing at Mergui.

THE Port Officer, Rangoon, through the Officiating Director of the Royal Indian Marine, has given notice that the following beacons and landmarks are missing at Mergui:—

(1) Both Eastern and Western beacons at the entrance to the port.
 (2) The Pagoda shown on the chart as Tree Pagoda; also the Flagstaff at the Deputy Commissioner's house.

(3) The Basket beacon on the trees north of the town is invisible from seaward and therefore useless.

A temporary beacon has been erected on the Spit extending off Kalwin point, two cables south of the position of the old one. This beacon consists of a pole surmounted by a ball.

The beacon in Fell's passage off Pigali island is also missing.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 7th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 77.

[Third Publication.]

CHINA SEA—SHANGHAI DISTRICT.

Position of a shoal patch.

THE following Notice to Mariners issued by the Inspector-General of Customs, Shanghai, No. 283, dated 20th March 1894, is republished for general information:—

Notice is hereby given that Captain R. Morgan, of the British S.S. *Feilung*, reports that on the 19th instant, he crossed, from north to south, a shoal patch, having from $6\frac{1}{2}$

to 7 fathoms, fine sand, for about 3 miles and then deepening to 13 fathoms, blue mud, the position of the middle of the shoal in the line where the *Feilung* crossed it being latitude $32^{\circ} 18' 30''$ N., longitude $122^{\circ} 27'$ E., in which locality the Admiralty Chart No. 1262 shows from 18 to 20 fathoms.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 78.

[Third Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Exhibition of a white light on the approach to port Perie.

THE Secretary to the Marine Board, port Adelaide, has given notice (No. 3 of 1894), that on or about the 1st of August, 1894, the Lightship in Germein Bay will be discontinued, and in lieu thereof a White Light will be exhibited from the sea end of Port Germein Jetty, visible ten (10) miles. Further notice will be given.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 79.

[Third Publication.]

AUSTRALIA—NORTH COAST—TORRES STRAIT, WESTERN APPROACH.

Search for reported rocks southward of Bramble patch.

WITH reference to Notice to Mariners, No. 72, dated 20th March 1893, issued by this office, the British Admiralty has given further notice (No. 142 of 1894) that a close but unsuccessful search has been made by Lieutenant and Commander Heming, H.M. Surveying vessel *Paluma*, for the rocks reported to exist in (1) lat. $10^{\circ} 32\frac{1}{2}'$ S., long. $141^{\circ} 35\frac{1}{2}'$ E., (2) lat. $10^{\circ} 37\frac{1}{2}'$ S., long. $141^{\circ} 34\frac{1}{2}'$ E.

Whilst it is impossible to say positively that these reported rocks do not exist in the area examined, which extends for four miles each side of the positions given by the pearl-shell divers, it appears highly probable that (1) the northern of the two is identical with the West Bramble patch, on which the *Paluma* found a depth of 17 feet; see Notice to Mariners No. 97 of 1894. This has therefore been expunged from the Admiralty Charts.

With reference to (2), the southern of the two reported rocks, it is considered advisable at present to retain this on the Admiralty Charts, although the vagueness of the position given by the pearl-shell divers is so great as to render it possible that this also may be identical with the 17 feet found by the *Paluma*; or may on the other hand be to the south of the area examined.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 80.

[Third Publication.]

PACIFIC OCEAN.—NEW GUINEA, NORTH-EAST COAST.

Amended position of Matty island, and non-existence of Tiger island.

THE following Notice to Mariners, issued by the British Admiralty (No. 146 of 1894), is republished:—

Information has been received through the German Government that Captain Dallman that Tiger Island, marked on Admiralty charts in lat. $1^{\circ} 45'$ S., long. $142^{\circ} 19'$ E., is, in fact, but is probably identical with Matty island, the correct position of which is lat. $1^{\circ} 45'$ S., long. $142^{\circ} 47'$ E., or 9 miles west of the position given on the Admiralty Charts.

Matty island is said to be 6 miles square, and to be thickly populated with a fine race of a light colour, and painted with the use of iron. The island is low and densely wooded.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 81.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

"Spit" light-vessel sunk.

A TELEGRAPHIC communication has been received from the Port Officer, Rangoon, stating that the "*Spit*" light-vessel sank on the 29th April. Mariners are warned to be cautious.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 82.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Position of a water-logged junk.

Caution.—A telegraphic communication has been received from the Port Officer, Rangoon, stating that the Commander of the *Shahzada* reports having passed in the fairway a water-logged junk, 22 miles north-east of the Krishna shoal; also some wreckage. Mariners are warned accordingly.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 83.

[Third Publication.]

CHINA SEA—BANGUEY WEST CHANNEL.

Buoy marking Rifleman rock.

THE British Admiralty has given notice (No. 155 of 1894) that a black buoy, surmounted by a white ball, has been placed on Rifleman rock, eastern side of northern entrance to Banguey West channel.

Approximate position, lat. $7^{\circ} 20' 15''$ N., long. $117^{\circ} 5'$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 84.

[Third Publication.]

CHINA SEA—COCHIN CHINA.

Shoal ground southward of point Logan.

THE British Admiralty has given notice (No. 156 of 1894) that the Commercial Messageries Maritimes steamer *Melbourne* reports that on 6th October 1893, it found a sounding of $4\frac{1}{2}$ fathoms in a position with point Logan, bearing N. $\frac{1}{2}$ W. (true) and a distance of $5\frac{1}{2}$ miles; and Guio point, W. by S. ($S. 79^{\circ} W.$).

A depth of $5\frac{1}{2}$ fathoms was found $1\frac{1}{2}$ miles N.E., and the same depth was found three-quarters of a mile W.S.W. of the above position.

Approximate position, $4\frac{1}{2}$ fathoms, lat. $11^{\circ} 4\frac{1}{2}'$ N., long. $108^{\circ} 42\frac{1}{4}'$ E.
(Variation 3° Easterly in 1894.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA the 30th April 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 85.

[Third Publication.]

JAPAN—GULF OF TOKYO.

Fort constructing northward of Kannon Saki.

THE British Admiralty has given notice (No. 158 of 1894) that information has been received that the fort in course of construction in a position with Kannon Saki light-house, bearing S. by E. (S. 11° E.), distant $1\frac{9}{10}$ miles, and Saru Sima West, has now attained an elevation of upwards of 13 feet above high water.

The *light* buoy, showing a *fixed red* light, formerly moored southward, is now moored eastward of the fort.

Approximate position, fort, lat. $35^{\circ} 17' 10''$ N., long. $139^{\circ} 43' 35''$ E.

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 30th April 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 86.

[Third Publication.]

INDIAN OCEAN.

Positions of Bernodet and Solitary islands and Salamanca rocks.

NOTICE to Mariners, No. 163 of 1894, issued by the British Admiralty, is republished for general information:—

With reference to Notices to Mariners, Nos. 29 of 1881 and 121 of 1891:—

Further information has been received from Mr. Greenstreet, commanding the steamer *Rimutaka*, that on 13th December 1893, when passing south of Kerguelen island, he sighted Mingan or Round island, which he estimated to be 300 feet high.

The Bernodet (Tremarec) islands were observed to be south (true) of Round island, or in lat. $50^{\circ} 0'$ S., long. $68^{\circ} 55'$ E.; or very nearly in the position assigned to them by Mr. Robson, commanding the *Talavera*, in 1891, who placed them in lat. $50^{\circ} 1'$ S., long. $68^{\circ} 49'$ E.

In consequence of these reports Bernodet islands are now placed on the Admiralty Charts in lat. $50^{\circ} 0'$ S., long. $68^{\circ} 52'$ E.

Mr. Greenstreet also sighted the Salamanca rocks, originally reported by Mr. Robson of the *Salamanca* in 1880, who placed them in lat. $50^{\circ} 0'$ S., long. $69^{\circ} 30'$ E., but Mr. Greenstreet places them in lat. $49^{\circ} 55\frac{1}{2}'$ S., long. $69^{\circ} 32'$ E.

The probable position of these rocks is lat. $49^{\circ} 58'$ S., long. $69^{\circ} 31'$ E., and they are now so shown on the Admiralty Charts.

Solitary island was also stated by the Commander of the *Talavera* to be 10 miles south of its charted position in 1891, or in lat. $50^{\circ} 0'$ S., long. $68^{\circ} 35'$ E., which has been accepted for the Admiralty Charts.

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 30th April 1894.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MAY 23, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 96.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO, EAST COAST.

Buoyage at the entrance to the Mahakan or Koetei river.

THE following Notice to Mariners issued by the Vice-Admiral Commanding the naval forces in Netherlands—India, No. 12, dated Batavia, 25th April 1894, is republished for general information:—

With reference to Notice to Mariners No. 29, Batavia 1891, notice is hereby given, that four small conical buoys have been moored at the entrance to the *Mahakan* or *Koetei*-river, marking the fairway near and between the islands *Kajoe Modjara* and *Bajor* (*Niobe*).

This notice affects the charts: Borneo Oostkust. Monden der Mahakan of Koetei-river 1892; Straat Mangkasar, blad I, 1888.

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 15th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 97.

[First Publication.]

EASTERN ARCHIPELAGO—BANGKA, NORTH COAST.

Reef south of Malang Dojang.

THE following Notice to Mariners issued by the Vice-Admiral Commanding the naval forces in Netherlands—India, No. 13, dated Batavia, 26th April 1894, is republished for general information:—

The Master of the Government steamer *Gier* reports the existence of a small *unimay* reef, named *Dina*, with a depth of 3 feet water on it, lying 1960 yards S. by W. of *Malang Dojang*, or in lat. $1^{\circ} 31' 15''$ S., and long. $105^{\circ} 29' 52''$ E.

This notice affects the chart: Noordkust Bangka ... 1879;
Banka ... 1879;

Java Zee en aangrenzende vaarwaters, blad I, 1892 en Zuidelijk gedeelte Chinesche Zee, blad I, 1893.

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 15th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 98.

[First Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Alexandra and Wentworth reef buoys.

THE Portmaster, Brisbane, has given notice (No. 7 of 1894) that the black buoy marking the eastern extremity of the Wentworth reef has been carried away from its position. It will be replaced as soon as possible.

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 21st May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 99.

[First Publication.]

INDIAN OCEAN—PRINCE EDWARD AND CROZET ISLANDS.

Icebergs in the vicinity of these islands.

THE British Admiralty has given notice (No. 183 of 1894) that the Master of the steamer *Bungaree* reports having passed, in January 1894, a number of icebergs in the vicinity of Prince Edward island, and some further eastward in lat. $46^{\circ} 30'$ S., long. $45^{\circ} 0'$ E.

Also, with reference to Notices to Mariners Nos. 100 and 15 of 1894, and previous notices, on ice in the South Pacific and South Atlantic oceans, mariners are warned that reports are still being received to the effect that icebergs exist in the areas already mentioned, viz. in the South Pacific between the parallels of 50° S. and 57° S., and the meridians of 100° W. and 149° W.; and in the South Atlantic between the parallels of 42° S. and 45° S., and the meridians of 11° W. and 3° E.

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 21st May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 100.

[First Publication.]

AUSTRALIA, EAST COAST—INNER ROUTE.

Pearn reef not shown on certain Admiralty charts.

THE British Admiralty has given notice, (No. 191 of 1894), that Pearn reef, reported to be a small coral patch with a depth of 12 feet on it, and lying with Halfway island bearing N.N.E. (N. 22° E.), distant $2\frac{1}{4}$ miles, and Boydong islet S.E. $\frac{1}{2}$ E. (S. 50° E.), is not shown on certain copies of Admiralty chart, cape Grenville to Booby island, No. 2354.

The reef has been unsuccessfully searched for by H.M. Surveying Vessel *Paluma* on two occasions, but it is believed that a small patch exists somewhere in the vicinity

Approximate position to be considered doubtful, lat. $11^{\circ} 25'$ S., long. $142^{\circ} 57\frac{1}{2}'$ E.

(Variation, 5° Easterly in 1894.)

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 21st May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 89.

[Second Publication.]

CHINA SEA—SINGAPORE—SALAT SINKI.

Ajax light-ship replaced by a temporary light-vessel.

WITH reference to Notice to Mariners No. 287, dated the 11th December 1893, issued by this office, the Government of the Straits Settlements has given further notice, that on the 10th proximo, the *Ajax* light-ship will be replaced by a temporary light-vessel showing two vertical bright lights ten feet apart visible all round at a distance of 9 miles.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 8th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 90.

[Second Publication.]

TASMANIA, EAST COAST—D'ENTRECASTEAUX CHANNEL.

Shoal south-west of Snake island.

THE British Admiralty has given notice (No. 167 of 1894) of the existence of a rocky shoal, $1\frac{1}{2}$ cables in length, W.N.W. and E.S.E., and half a cable in breadth, with depths of 6 to 10 feet on it, lying with the south extreme of Snake island, bearing from its centre N.E. $\frac{3}{4}$ E. (N. 53° E.), distance $2\frac{1}{10}$ cables.

There are depths of 5 fathoms half a cable south-westward of the shoal, and a channel with about 20 feet water between it and the rock which dries south-westward of Snake island.

Approximate position, centre of shoal, lat. $43^{\circ} 10' 45''$ S., long. $147^{\circ} 17' 45''$ E.

(Variation 9° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 91.

[Second Publication.]

JAPAN—SETO UCHI—SIMONOSEKI STRAIT.

Alteration in position of Eastern Middle ground buoy.

THE British Admiralty has given notice (No. 173 of 1894) that eastern Middle ground (Nakano su) buoy (black, with staff and cage), has been moved E. by N. (N. 79° E.), $3\frac{3}{4}$ cables, and now lies in $5\frac{1}{4}$ fathoms at low water, with Isaki light-house, bearing S.S.W. (S. 23° W.), distant $11\frac{3}{4}$ cables; and Kanabuse beacon W. $\frac{1}{4}$ S. (S. 87° W.).

Approximate position, lat. $33^{\circ} 58' 45''$ N., long. $131^{\circ} 1' 25''$ E.

(Variation 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 92.

[Second Publication.]

JAPAN, WEST COAST—HAYASAKI CHANNEL—SHIMABARA GULF.

Gotsu reef beacon destroyed.

THE British Admiralty has given notice (No. 181 of 1894) that the beacon (white staff), which previously marked Gotsu reef, Hayasaki channel, entrance to Siephara gulf, has been destroyed in a typhoon.

Approximate position, lat. $32^{\circ} 34' 30''$ N., long. $130^{\circ} 6' 15''$ E.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 93.

[Second Publication.]

AUSTRALIA, EAST COAST—MORETON BAY.

Buoy marking sunken wreck northward of Cape Moreton.

THE British Admiralty has given notice (No. 182 of 1894) that a green buoy has been placed one cable N.N.E. (N. 22° E.) from the wreck of the Danish barque *Aarhus*, which lies sunk in a depth of 12 fathoms, with the topmasts showing above water, in a position with Cape Moreton light-house bearing about S. $\frac{1}{2}$ W. (S. 5° W.), distant $2\frac{1}{4}$ miles.

Approximate position, wreck, lat. $27^{\circ} 0'$ S., long. $153^{\circ} 29\frac{3}{4}'$ E.

(Variation 9° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 94.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Exact position of the water-logged junk.

Caution.—With reference to Notice to Mariners No. 82, dated the 30th ultimo, issued by this office, the Port Officer, Rangoon, has given further notice, that the position of the water-logged junk, passed by the Master of the S.S. *Shahzada*, is N. 65° E. distant 22 miles from the *Krishna* light-vessel; and that she lies in the fairway between the *Krishna* light-vessel and the Rangoon Pilot station.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 95.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA WEST COAST.

Reef west of Mansalar island.

THE following notice to mariners, issued by the Vice-Admiral Commanding the Naval Forces in Netherlands India, No. 11, dated Batavia, 20th April 1894, is republished for general information:—

Commander of H. N. M. *Sumatra* reports the existence of a breaking reef in app. lat. $1^{\circ} 40'$ N., long. $98^{\circ} 18'$ E.

This affects the charts: *Nederlandsch Oost-Indie*, blad I ... 1867;
Noordelijk gedeelte Sumatra, ... 1893;
Westkust Sumatra, Singkel tot Ilir, ... 1876.

B. P. CREAGH, Comdr., R.I.M.,

Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 12th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 87.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

Anchoring buoy adrift.

THE Port Officer, Chandbally, has given notice, dated 30th ultimo, that the anchoring buoy on the Balasore Roads has broken adrift, and will be replaced as early as practicable.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 5th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 88.

[Third Publication.]

BAY OF BENGAL—BURMA COAST—MERGUI ARCHIPELAGO.

Certain beacons and landmarks missing at Mergui.

THE Port Officer, Rangoon, through the Officiating Director of the Royal Indian Marine, has given notice that the following beacons and landmarks are missing at Mergui:—

- (1) Both Eastern and Western beacons at the entrance to the port.
- (2) The Pagoda shown on the chart as Tree Pagoda; also the Flagstaff at the Deputy Commissioner's house.
- (3) The Basket beacon on the trees north of the town is invisible from seaward and therefore useless.

A temporary beacon has been erected on the Spit extending off Kalwin point, two cables south of the position of the old one. This beacon consists of a pole surmounted by a ball.

The beacon in Fell's passage off Pigali island is also missing.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MAY 30, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 101.

[First Publication.]

AUSTRALIA—TORRES STRAIT.

Beacons in the Inner Route are down or considerably damaged.

THE Port Master, Brisbane, has given notice, No. 8 of 1894, that the following beacons are down, or are considerably damaged, viz :—

Wye (y) Reef	...	...	...	Black beacon.
Chapman island	...	...	...	Black beacon.
Tih Tih (tt)	...	...	...	Black beacon.
Chilcott Rocks	...	...	...	Red beacon.
Bow Reef	...	...	...	Black beacon.
Ellis islet (No. VII)	...	...	...	Black beacon.

In addition to those named, it is possible that other beacons may be down also. Masters of vessels are therefore cautioned, that the greatest care must be exercised in navigating the Inner Route in the absence of these beacons. They will be restored as soon as practicable.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 22nd May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 102.

[First Publication.]

NEW ZEALAND—HAURAKI GULF.

Amended position of Zeno rock, and rock found westward of it.

WITH reference to Notice to Mariners (No. 13, dated the 13th January last), issued by this office, the British Admiralty has given further notice (No. 202 of 1894) that an examination of the vicinity of Zeno rock has recently been made by Captain Fairchild of the Government steamer *Hinemoa*, with the following result :—

1. A rock, with a depth of 11 feet on it at low water, has been found in a position with the summit of the south-eastern Motu hurzkia (230) bearing N.W. (N. 45° W.), distant 1½ miles; and Rakino island summit (195) S.W. by W. ½ W. (S. 61° W.)
Approximate position on chart No. 2543, lat. 36° 43' 30" S., long. 175° 0' 30" E.

2. Zeno rock, with a depth of 19 feet on it, lies half a cable eastward of the above rock, or a quarter of a mile W.S.W. (S. 68° W.) of the position given in Notice to Mariners No. 645 of 1893. Eastward of Zeno rock there are depths of 6 to 10 fathoms.

(Variation, 14° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 25th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 103.

[First Publication.]

JAPAN—KIUSIU.

Nagasaki harbour—Alteration in position of Tachigami buoy.

WITH reference to Notice to Mariners No. 51, dated the 17th March last, issued by this office, the British Admiralty has given further notice (No. 204 of 1894) that Tachigami buoy (conical, black, with a cylindrical topmark) has been moved about half a cable to the south-eastward, and is now moored in a depth of 5 fathoms on the eastern side of the recently found 21 feet rock.

From the buoy Minage point bears N. $\frac{1}{2}$ E. (N. 10° E.), distant $3\frac{1}{2}$ cables; and Nabekamuri yama E. by S. $\frac{1}{2}$ S. (S. 73° E.).

Approximate position, lat. 32° 44' 5" N., long. 129° 51' 10" E.

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 25th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 104.

[First Publication.]

SOUTH PACIFIC OCEAN.—FIJI ISLANDS.

Nanuku passage—Exhibition of light

THE British Admiralty has given notice (No. 205 of 1894) that on 29th March 1894 a light was exhibited in Nanuku passage.

It is believed that the light is on Weilangilala island, but no precise information respecting its locality or characteristics has yet been received.

Approximate position, Weilangilala. lat 16° 45' S., long. 179° 53' W.

Further notice will be given when the detailed information has been received.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 25th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 105.

[First Publication.]

JAPAN, WESTERN SHORE—PETER THE GREAT BAY.

Sunkun rocks northward of Cape Gamova.

THE British Admiralty has given notice (No. 212 of 1894) of the existence of a rock, a cable in extent, with a depth of 5 feet on it, and 20 to 24 fathoms near, lying E.N.E. (N. 67° E.) from the small island situated $2\frac{3}{4}$ miles north-north-eastward of cape Gamova.

Approximate position, rock, lat. 42° 36' 15" N., long. 131° 15' 45" E.

Also, of the existence of a rock, about three-quarters of a cable in extent N.E. and S.W., and half a cable broad, with a depth of 3 feet on it, and 16 fathoms near, lying three-quarters of a mile off shore at about $1\frac{1}{2}$ miles northward of cape Astafiev.

Approximate position, rock, lat. 42° 38' 35" N., long. 131° 15' 15" E.

(Variation, 6° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 25th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 96.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, EAST COAST.

Buoyage at the entrance to the Mahakan or Koetei river.

THE following Notice to Mariners issued by the Vice-Admiral Commanding the naval forces in Netherlands—India, No. 12, dated Batavia, 25th April 1894, is republished for general information :—

With reference to Notice to Mariners No. 29, Batavia 1891, notice is hereby given, that four small conical buoys have been moored at the entrance to the *Mahakan* or *Koetei*-river, marking the fairway near and between the islands *Kajoe Modjara* and *Bajor* (*Niobe*).

This notice affects the charts: Borneo Oostkust. Monden der Mahakan of Koetei-river 1892; Straat Mangkasar, blad I, 1888.

B. P. CREAGH, *Commr.*, R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 15th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 97.

[Second Publication.]

EASTERN ARCHIPELAGO—BANGRA, NORTH COAST.

Reef south of Malang Dojang.

THE following Notice to Mariners issued by the Vice-Admiral Commanding the naval forces in Netherlands—India, No. 13, dated Batavia, 26th April 1894, is republished for general information :—

The Master of the Government steamer *Gier* reports the existence of a small coral reef, named *Dina*, with a depth of 3 feet water on it, lying 1960 yards S. by W. from *Malang Dojang*, or in lat. $1^{\circ} 31' 15''$ S., and long. $105^{\circ} 29' 52''$ E,

This notice affects the chart: Noordkust Bangka ... 1879;
Banka ... 1879;

Java Zee en aangrenzende vaarwaters, blad I, 1892 en Zuidelijk gedeelte Chineesche Zee, blad I, 1893.

B. P. CREAGH, *Commr.*, R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 15th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 98.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Alexandra and Wentworth reef buoys.

THE Portmaster, Brisbane, has given notice (No. 7 of 1894) that the black buoy marking the eastern extremity of the Wentworth reef has been carried away from its position. It will be replaced as soon as possible.

B. P. CREAGH, *Commr.*, R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 21st May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 99.

[Second Publication.]

INDIAN OCEAN—PRINCE EDWARD AND CROZET ISLANDS.

Icebergs in the vicinity of these islands.

THE British Admiralty has given notice (No. 183 of 1894) that the Master of the steamer *Bungaree* reports having passed, in January 1894, a number of icebergs in the vicinity of Prince Edward island, and some further eastward in lat. $46^{\circ} 30'$ S., long. $45^{\circ} 0'$ E.

Also, with reference to Notices to Mariners Nos. 100 and 15 of 1894, and previous notices, on ice in the South Pacific and South Atlantic oceans, mariners are warned that reports are still being received to the effect that icebergs exist in the areas already mentioned, viz., in the South Pacific between the parallels of 50° S. and 57° S., and the meridians of 100° W. and 149° W.; and in the South Atlantic between the parallels of 42° S. and 45° S., and the meridians of 11° W. and 3° E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 21st May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 100.

[Second Publication.]

AUSTRALIA, EAST COAST—INNER ROUTE.

Pearn reef not shown on certain Admiralty charts.

THE British Admiralty has given notice, (No. 191 of 1894), that Pearn reef, reported to be a small coral patch with a depth of 12 feet on it, and lying with Halfway island bearing N.N.E. (N. 22° E.), distant $2\frac{1}{4}$ miles, and Boydong islet S.E. $\frac{1}{2}$ E. (S. 50° E.), is not shown on certain copies of Admiralty chart, cape Grenville to Booby island, No. 2354.

The reef has been unsuccessfully searched for by H.M. Surveying Vessel *Paluma* on two occasions, but it is believed that a small patch exists somewhere in the vicinity

Approximate position to be considered doubtful, lat. $11^{\circ} 25'$ S., long. $142^{\circ} 57\frac{1}{2}'$ E.

(Variation, 5° Easterly in 1894.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 21st May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 89.

[Third Publication.]

CHINA SEA—SINGAPORE—SALAT SINKI.

Ajax light-ship replaced by a temporary light-vessel.

WITH reference to Notice to Mariners No. 287, dated the 11th December 1893, issued by this office, the Government of the Straits Settlements has given further notice, that on the 10th proximo, the *Ajax* light-ship will be replaced by a temporary light-vessel showing two vertical bright lights ten feet apart visible all round at a distance of 9 miles.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 90.

[Third Publication.]

TASMANIA, EAST COAST—D'ENTRECASTEAUX CHANNEL.

Shoal south-west of Snake island.

THE British Admiralty has given notice (No. 167 of 1894) of the existence of a rocky shoal, $1\frac{1}{4}$ cables in length, W.N.W. and E.S.E., and half a cable in breadth, with depths of 6 to 10 feet on it, lying with the south extreme of Snake island, bearing from its centre N.E. $\frac{3}{4}$ E. (N. 53° E.), distance $2\frac{1}{10}$ cables.

There are depths of 5 fathoms half a cable south-westward of the shoal, and a channel with about 20 feet water between it and the rock which dries south-westward of Snake island.

Approximate position, centre of shoal, lat. $43^{\circ} 10' 45''$ S., long. $147^{\circ} 17' 45''$ E.
(Variation 9° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.
NOTICE TO MARINERS—No. 91.

[Third Publication.]

JAPAN—SETO UCHI—SIMONOSEKI STRAIT.

Alteration in position of Eastern Middle ground buoy.

THE British Admiralty has given notice (No. 173 of 1894) that eastern Middle ground (Nakano su) buoy (black, with staff and cage), has been moved E. by N. (N. 79° E.), $3\frac{3}{4}$ cables, and now lies in $5\frac{1}{4}$ fathoms at low water, with Isaki light-house, bearing S.S.W. (S. 23° W.), distant $11\frac{3}{4}$ cables; and Kanabuse beacon W. $\frac{1}{4}$ S. (S. 87° W.).
Approximate position, lat. $33^{\circ} 58' 45''$ N., long. $131^{\circ} 1' 25''$ E.
(Variation 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.
NOTICE TO MARINERS—No. 92.

[Third Publication.]

JAPAN, WEST COAST—HAYASAKI CHANNEL—SHIMABARA GULF.

Gotsu reef beacon destroyed.

THE British Admiralty has given notice (No. 181 of 1894) that the beacon (a white staff), which previously marked Gotsu reef, Hayasaki channel, entrance to Shimabara gulf, has been destroyed in a typhoon.

Approximate position, lat. $32^{\circ} 34' 30''$ N., long. $130^{\circ} 6' 15''$ E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.
NOTICE TO MARINERS—No. 93.

[Third Publication.]

AUSTRALIA, EAST COAST—MORETON BAY.

Buoy marking sunken wreck northward of Cape Moreton.

THE British Admiralty has given notice (No. 182 of 1894) that a green buoy has been placed one cable N.N.E. (N. 22° E.) from the wreck of the Danish barge *Aarhus*, which lies sunk in a depth of 12 fathoms, with the topmasts showing above water, in a position with Cape Moreton light-house bearing about S. $\frac{1}{2}$ W. (S. 5° W.), distant $2\frac{1}{4}$ miles.
Approximate position, wreck, lat. $27^{\circ} 0'$ S., long. $153^{\circ} 29\frac{3}{4}'$ E.
(Variation 9° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 10th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 94.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Exact position of the water-logged junk.

Caution.—With reference to Notice to Mariners No. 82, dated the 30th ultimo, issued by this office, the Port Officer, Rangoon, has given further notice, that the position of the water-logged junk, passed by the Master of the S.S. *Shahzada*, is N. 65° E. distant 22 miles from the *Krishna* light-vessel; and that she lies in the fairway between the *Krishna* light-vessel and the Rangoon Pilot station.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 95.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA WEST COAST.

Reef west of Mansalar island.

THE following notice to mariners, issued by the Vice-Admiral Commanding the Naval forces in Netherlands India, No. 11, dated Batavia, 20th April 1894, is republished for general information:—

The Commander of H. N. M. *Sumatra* reports the existence of a breaking reef in approximate lat. 1° 40' N., long. 98° 18' E.

This notice affects the charts: Nederlandsch Oost-Indie, blad I ... 1867;
Noordelijk gedeelte Sumatra, ... 1893;
Westkust Sumatra, Singkel tot Ilir, ... 1876.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JUNE 6, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 106.

[First Publication.]

CHINA SEA—MALACCA STRAIT.

Penang harbour—Alteration in entrance to South Channel.

THE British Admiralty has given notice (No. 221 of 1894) that considerable alteration has taken place in the entrance to South Channel, Penang harbour. The bank on the east side is extending into the channel, and on the west side washing away outside Rimau island.

Caution is therefore necessary in using this channel until the soundings recently obtained by Commander A. M. Field, H.M. Surveying vessel *Egeria*, are shown on the chart.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 4th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 107.

[First Publication.]

AUSTRALIA, SOUTH COAST—CAPE NELSON, CAPE SCHANCK, AND GABO ISLAND.

Intended exhibition of auxiliary "red" lights.

THE British Admiralty has given notice (No. 223 of 1894) that an auxiliary red light visible seaward over an arc of 180°, will be exhibited from each of the undermentioned light-houses on the dates given.

These lights will be invisible to an observer, whose eye is 14 feet above the level of the sea, until at a distance of 3 miles or less from the light.

They are intended to warn Mariners of their near approach to the shore, and when seen, course should be altered to seaward until beyond the range of the red light.

In hazy or misty weather Mariners should not rely on sighting these red lights, but should keep a good offing.

1. Cape Nelson—the light will be exhibited, 12th June 1894.
Approximate position, lat. 38° 25' 45" S., long. 141° 33' 0" E.
2. Cape Schanck—the light will be exhibited, 26th June 1894.
Approximate position, lat. 38° 29' 45" S., long. 144° 53' 10" E.
3. Gabo island—the light will be exhibited, 10th July 1894.
Approximate position, lat. 37° 34' 20" S., long. 149° 55' 45" E.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 4th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 108.

[First Publication.]

EASTERN ARCHIPELAGO—JAVA, NORTH COAST.

A conical buoy moored marking sunken wreck in Pekalongan road.

THE British Admiralty has given notice (No. 249 of 1894) that a *conical* buoy, painted red, with a white horizontal stripe and the word *Wreck* in black letters on it, has been moored on the northern side of the sunken wreck of the burnt vessel *Ben Macdhui*, in a position with Pekalongan harbour light, bearing S. by E. (S. 11° E), distant about one mile.

Approximate position, lat. 6° 50½' S., long. 109° 41' E.

(Variation, 2° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 4th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 109.

[First Publication.]

AUSTRALIA—DUNGENESS, CAIRNS HARBOUR, BARRON RIVER, MULGRAVE RIVER, AND LARK PASS.

Buoys and Beacons.

THE Portmaster, Brisbane, has given notice (No. 9 of 1894) that the two outer black buoys and all the beacons at Dungeness, Port Hinchinbrook, are out of position.

That the heads of the beacons marking the cutting across the Cairns Bar are down.

That the beacons on the bars of the Barron and Mulgrave rivers are down.

That the outer beacon marking the Lark Pass, Barrier Reef, is down, and that the sandbank which formerly marked the reef has disappeared.

The abovenamed buoys and beacons will be restored as soon as practicable.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 4th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 110.

[First Publication.]

AUSTRALIA—GREAT SANDY STRAIT.

Alteration in channel near Stewart island.

THE Portmaster, Brisbane, has given notice (No. 10 of 1894) that owing to recent small changes in the channel near Stewart island, the following directions must be observed, viz:—

Vessels from the southward after passing the white triangular leading marks on Stewart island are to bring them in line astern, and keep them so until near to a white beacon on Stewart island, then haul to the eastward, opening the leading marks mentioned about three times their own width, and proceed with them in that position until past the red beacon, when proceed as usual.

A black beacon has been placed on the end of the spit, off the south end of Stewart island, previously marked by a black buoy.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 4th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 111.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Position of the wreck of the light-vessel "Pharos."

WITH reference to Notice to Mariners, No. 81, dated the 30th April last, issued by this office, the Port Officer, Rangoon, has given further notice that the wreck of the Spit light-ship lies sunk in 25 feet at L. W. Springs, with her head about north, with mast and yards showing at L. W. on the following bearings:—

Elephant Point Obelisk	...	...	N. 43° W.
Eastern Grove Light-house	...	...	N. 17° E.

(The bearings are magnetic.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 112.

[First Publication.]

INDIA, WEST COAST—MORMAGAO HARBOUR.

Red buoy marking Mormagao Rock removed for the monsoon.

THE following Notice to Mariners, issued by the Government of Bombay, is republished:—

"Information has been received from the Acting Agent, West of India Portuguese Guaranteed Railway Company, Limited, that the Red Buoy marking 'Mormagao Rock' was removed on Tuesday, the 22nd May 1894, for the south-west monsoon. The Red light at the end of the break-water will also be removed after the monsoon has burst."

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 101.

[Second Publication.]

AUSTRALIA—TORRES STRAIT.

Beacons in the Inner Route are down or considerably damaged.

THE Port Master, Brisbane, has given notice, No. 8 of 1894, that the following beacons are down, or are considerably damaged, viz:—

Wye (y) Reef	...	...	Black beacon.
Chapman island	...	...	Black beacon.
Tih Tih (tt)	...	...	Black beacon.
Chilcott Rocks	...	...	Red beacon.
Bow Reef	...	...	Black beacon.
Ellis islet (No. VII)	...	...	Black beacon.

In addition to those named, it is possible that other beacons may be down also. Master of vessels are therefore cautioned, that the greatest care must be exercised in navigating the Inner Route in the absence of these beacons. They will be restored as soon as practicable.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 102.

[Second Publication.]

NEW ZEALAND—HAUAKI GULF.

Amended position of Zeno rock, and rock found westward of it.

WITH reference to Notice to Mariners (No. 13, dated the 13th January last), issued by this office, the British Admiralty has given further notice (No. 202 of 1894) that an

examination of the vicinity of Zeno rock has recently been made by Captain Fairchild of the Government steamer *Hinemoa*, with the following result:—

1. A rock, with a depth of 11 feet on it at low water, has been found in a position with the summit of the south-eastern Motu hurakia (230) bearing N.W. (N. 45° W.), distant $1\frac{1}{4}$ miles; and Rakino island summit (195) S.W. by W. $\frac{1}{2}$ W. (S. 61° W.)

Approximate position on chart No. 2543, lat. $36^{\circ} 43' 30''$ S., long. $175^{\circ} 0' 30''$ E.

2. Zeno rock, with a depth of 19 feet on it, lies half a cable eastward of the above rock, or a quarter of a mile W.S.W. (S. 68° W.) of the position given in Notice to Mariners No. 645 of 1893. Eastward of Zeno rock there are depths of 6 to 10 fathoms.

(Variation, 14° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 25th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 103.

[Second Publication.]

JAPAN—Kiusiu.

Nagasaki harbour—Alteration in position of Tachigami buoy.

With reference to Notice to Mariners No. 51, dated the 17th March last, issued by this office, the British Admiralty has given further notice (No. 204 of 1894) that Tachigami buoy (conical, black, with a cylindrical topmark) has been moved about half a cable to the south-eastward, and is now moored in a depth of 5 fathoms on the eastern side of the recently found 21 feet rock.

From the buoy Minage point bears N. $\frac{7}{8}$ E. (N. 10° E.), distant $3\frac{1}{2}$ cables; and Nabekamuri yama E. by S. $\frac{1}{4}$ S. (S. 73° E.).

Approximate position, lat. $32^{\circ} 44' 5''$ N., long. $129^{\circ} 51' 10''$ E.

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 25th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 104.

[Second Publication.]

SOUTH PACIFIC OCEAN.—FIJI ISLANDS.

Nanuku passage—Exhibition of light

THE British Admiralty has given notice (No. 205 of 1894) that on 29th March 1894 a light was exhibited in Nanuku passage.

It is believed that the light is on Weilangilala island, but no precise information respecting its locality or characteristics has yet been received.

Approximate position, Weilangilala, lat. $16^{\circ} 45'$ S., long. $179^{\circ} 5\frac{3}{4}'$ W.

Further notice will be given when the detailed information has been received.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 25th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 105.

[Second Publication.]

JAPAN, WESTERN SHORE—PETER THE GREAT BAY.

Sunken rocks northward of Cape Gamova.

THE British Admiralty has given notice (No. 212 of 1894) of the existence of a rock, a cable in extent, with a depth of 5 feet on it, and 20 to 24 fathoms near, lying E.N.E. (N. 67° E.) from the small island situated $2\frac{3}{4}$ miles north-north-eastward of Cape Gamova.

Approximate position, rock, lat. $42^{\circ} 36' 15''$ N., long. $131^{\circ} 15' 45''$ E.

Also, of the existence of a rock, about three-quarters of a cable in extent N.E. and S.W., and half a cable broad, with a depth of 3 feet on it, and 16 fathoms near, lying three-quarters of a mile off shore at about $1\frac{1}{2}$ miles northward of cape Astafiev.

Approximate position, rock, lat. $42^{\circ} 38' 35''$ N., long. $131^{\circ} 15' 15''$ E.

(Variation, 6° Westerly in 1894.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information

CALCUTTA, the 25th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 96.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, EAST COAST.

Buoyage at the entrance to the Mahakan or Koetei river.

THE following Notice to Mariners issued by the Vice-Admiral Commanding the naval forces in Netherlands—India, No. 12, dated Batavia, 25th April 1894, is republished for general information:—

With reference to Notice to Mariners No. 29, Batavia 1891, notice is hereby given, that four small conical buoys have been moored at the entrance to the Mahakan or Koetei river, marking the fairway near and between the islands *Kajoe Modjara* and *Bajor (Niobe)*.

This notice affects the charts: Borneo Oostkust. Monden der Mahakan of Koetei river 1892; Straat Mangkasar, blad I, 1888.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 15th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 97.

[Third Publication.]

EASTERN ARCHIPELAGO—BANGKA, NORTH COAST.

Reef south of Malang Dojang.

THE following Notice to Mariners issued by the Vice-Admiral Commanding the naval forces in Netherlands—India, No. 13, dated Batavia, 26th April 1894, is republished for general information:—

The Master of the Government steamer *Gier* reports the existence of a small coral reef, named *Dina*, with a depth of 3 feet water on it, lying 1960 yards S. by W. from *Malang Dojang*, or in lat. $1^{\circ} 31' 15''$ S., and long. $105^{\circ} 29' 52''$ E.

This notice affects the chart: Noordkust Bangka ... 1879;
Banka ... 1879;

Java Zee en aangrenzende vaarwaters, blad I, 1892 en Zuidelijk gedeelte Chinesche Zee, blad I, 1893.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 15th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 98.

[Third Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Alexandra and Wentworth reef buoys.

THE Portmaster, Brisbane, has given notice (No. 7 of 1894) that the black buoy marking the eastern extremity of the Wentworth reef has been carried away from its position. It will be replaced as soon as possible.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 21st May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 99.

[Third Publication.]

INDIAN OCEAN—PRINCE EDWARD AND CROZET ISLANDS.

Icebergs in the vicinity of these islands.

THE British Admiralty has given notice (No. 183 of 1894) that the Master of the steamer *Bungaree* reports having passed, in January 1894, a number of icebergs in the vicinity of Prince Edward island, and some further eastward in lat. $46^{\circ} 30'$ S., long. $45^{\circ} 0'$ E.

Also, with reference to Notices to Mariners Nos. 100 and 15 of 1894, and previous notices, on ice in the South Pacific and South Atlantic oceans, mariners are warned that reports are still being received to the effect that icebergs exist in the areas already mentioned, viz., in the South Pacific between the parallels of 50° S. and 57° S., and the meridians of 100° W. and 149° W.; and in the South Atlantic between the parallels of 42° S. and 45° S., and the meridians of 11° W. and 3° E.

B. P. CREAGH, *Commr.*, R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 21st May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 100.

[Third Publication.]

AUSTRALIA, EAST COAST—INNER ROUTE.

Pearn reef not shown on certain Admiralty charts.

THE British Admiralty has given notice, (No. 191 of 1894), that Pearn reef, reported to be a small coral patch with a depth of 12 feet on it, and lying with Halfway island bearing N.N.E. (N. 22° E.), distant $2\frac{1}{4}$ miles, and Boydong islet S.E. $\frac{1}{2}$ E. (S. 50° E.), is not shown on certain copies of Admiralty chart, cape Grenville to Booby island, No. 2354.

The reef has been unsuccessfully searched for by H.M. Surveying Vessel *Paluma* on two occasions, but it is believed that a small patch exists somewhere in the vicinity

Approximate position to be considered doubtful, lat. $11^{\circ} 25'$ S., long. $142^{\circ} 57\frac{1}{2}'$ E.

(Variation, 5° Easterly in 1894.)

B. P. CREAGH, *Commr.*, R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 21st May 1894.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JUNE 13, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 113.

[First Publication.]

PACIFIC OCEAN—ANTIPODES ISLAND.

Depôt for shipwrecked persons—Amended position of the hut on this island.

THE British Admiralty has given notice (No. 232 of 1894) that information has been received from Lieutenant and Commander L. G. S. Hancock, H.M.S. *Lizard*, dated 22nd February 1894, that he has determined the position of the hut (depôt for shipwrecked persons) on Antipodes island to be approximately in lat. $49^{\circ} 39' S.$, long. $178^{\circ} 50' E.$

This position has been adopted on the Admiralty charts.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 11th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 114.

[First Publication.]

INDIA.

Uniform system of buoyage.

THE following Notice to Mariners (No. 234 of 1894), issued by the British Admiralty, is republished:—

The following uniform system of buoyage was adopted for Indian waters in 1892, and the Government of India has given notices that it has since been carried out at the under-mentioned ports, viz., Karachi, Bombay harbour, Madras harbour, Balasor river, Akyab harbour, Bassein river, and Rangoon river.

The system is as follows:—

1. The Mariner, when approaching the coast, must determine his position on the chart, and must note the direction of the main stream of flood-tide.
2. The term Starboard Hand shall denote that side which would be on the right hand of the Mariner, either going with the main stream of flood, or entering a harbour, river, or estuary from seaward; the term Port Hand shall denote the left hand of the Mariner under the same circumstances.
3. Buoys showing the pointed top of a cone above water shall be called *Conical*, and shall always be Starboard Hand buoys, as above defined.
4. Buoys showing a flat top above water shall be called *Can*, and shall always be Port Hand buoys, as above defined.
5. Buoys showing a domed top above water shall be called *Spherical*, and shall mark the ends of Middle Grounds.

6. Buoys having a tall central structure on a broad base shall be called *Pillar* buoys, and like other special buoys, such as *Bell* buoys, *Gas* buoys, *Automatic Sounding* buoys, etc., shall be placed to mark special positions, either on the coast or in the approaches to harbours, &c.

7. Buoys showing only a mast above water shall be called *Spar* buoys.

8. Starboard Hand buoys shall always be painted a single red colour.

9. Port Hand buoys shall be painted of another characteristic colour, either black or parti-colour.

10. Spherical buoys at the ends of Middle Grounds shall always be distinguished by horizontal stripes of white colour.

11. Surmounting topmarks, such as staff and cone, &c., shall always be painted of one dark colour.

12. Staff and Cone shall only be used on Starboard Hand buoys; Staff and Cylinder on Port Hand; Globes at the outer ends of Middle-Grounds; and Half Globes, round part uppermost, at the inner ends.

13. Buoys on the same side of a channel, estuary or tideway, may be distinguished from each other by names of consecutive numbers or letters, commencing from seaward, and when necessary by a staff surmounted by the appropriate topmark.

14. *Fairway* buoys shall always be painted in horizontal stripes of white colour, and shall be surmounted by a staff only.

15. Buoys intended for mooring, etc., may be of shape or colour according to the discretion of the authority within whose jurisdiction they are laid, but for marking Submarine Telegraph Cables the colour shall be green with the word *Telegraph* painted thereon in white letters.

Buoys and marking of Wrecks :—

16. Wreck buoys in the open sea, or in the approaches to a harbour, or estuary, shall be coloured green, with the word *Wreck* painted in white letters on them.

17. When possible the buoy shall be laid near to the side of the wreck next to mid-channel.

18. When a wreck-marking vessel is used, it shall, if possible, have its top-sides coloured green, with the word *Wreck* in white letters thereon, and shall exhibit :—

By day—Three balls on a yard 20 feet above the sea, two placed vertically at one end, and one at the other, the single ball being on the side nearest to the wreck.

By night—Three *fixed white* lights, similarly arranged, but not the ordinary riding light.

19. In narrow waters, or in rivers, harbours, &c., under the jurisdiction of local authorities, the same rules may be adopted, or, at discretion, varied as follows :—

When a wreck-marking vessel is used, she shall carry a yard on a mast, with two balls by day, placed horizontally, not less than 6 nor more than 12 feet apart, and two lights by night, similarly placed.

When a barge or boat only is used a flag or ball may be shown in the day-time.

The position in which the marking vessel is placed, with reference to the wreck shall be at the discretion of the local authority having jurisdiction.

Special Notices to Mariners, Nos. 267 and 562 of 1892, and Nos. 36, 37, and 264 of 1893, have already been given for Karachi, Bombay, Akyab, Bassein and Rangoon.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 115.

[First Publication.]

CHINA, EAST COAST—YANG TSE KIANG.

Bank reported on the northern approach.

THE British Admiralty has given notice (No. 242 of 1894) that the Master of the British steamer *Feitung* reports having obtained soundings of $6\frac{1}{2}$ to 7 fathoms, fine sand, for a distance of three miles, then deepening to 13 fathoms, blue mud, on a bank, the centre of which is situated approximately in lat. $32^{\circ} 18' 30''$ N., long. $122^{\circ} 27'$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 116.

[First Publication.]

AUSTRALIA, SOUTH COAST—SPENCER GULF.

Less water reported on South end of Middle bank.

THE British Admiralty has given notice (No. 245 of 1894) that the Master of the ship *Dimsdale*, of 21 feet draught, reports having grounded, at 11h. 30m., a.m., 18th January 1894 (about low water), on Middle bank, in a position with Barn hill, bearing E. by N. $\frac{1}{4}$ N. (N. 76° E.), and Riley point S. by E. (S. 11° E.).

Approximate position, lat. $33^{\circ} 40'$ S., long. $137^{\circ} 34\frac{1}{2}'$ E.

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 117.

[First Publication.]

JAPAN—SETO UCHI.

Herima Nada—Sunken wreck south-east of Fukube sima.

THE British Admiralty has given notice (No. 247 of 1894) that a sunken wreck lies in a depth of 17 fathoms, with a mast showing above water, in a position with Fukube sima, bearing N.W. $\frac{3}{4}$ W. (N. 53° W.), distant $1\frac{1}{2}$ miles; and Ukado (Ookado) point N.E. (N. 45° E.).

Approximate position, lat. $34^{\circ} 24' 40''$ N., long. $134^{\circ} 18' 30''$ E.*Aogi seto—Destruction of Ishi guso (Ushigahaye) beacon.*

Also, that the beacon on Ishi guso, approach to Tadanomi, was nearly destroyed during a gale in January 1892, and is no longer available as a mark.

Approximate position, lat. $34^{\circ} 19' 40''$ N., long. $132^{\circ} 59' 55''$ E.(Variation, 5° Westerly in 1894.)

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 118.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Palmyra reef buoy placed in position.

WITH reference to Notice to Mariners, No. 137, dated the 6th June 1893, issued by this office, the Port Officer, Chandbally, has given further notice that the Palmyra reef buoy, painted black, having a spire, and with the letters *P.R.*, painted in white, has been laid in 84 feet reduced, Shortt's island light-house bearing from the buoy W. 19° S. magnetic. Beacon a little open to S. of light-house.

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 106.

[Second Publication.]

CHINA SEA—MALACCA STRAIT.

Penang harbour—Alteration in entrance to South Channel.

THE British Admiralty has given notice (No. 221 of 1894) that considerable alteration has taken place in the entrance to South Channel, Penang harbour. The bank on the east side is extending into the channel, and on the west side washing away outside Rimau island.

Caution is therefore necessary in using this channel until the soundings recently obtained by Commander A. M. Field, H.M. Surveying vessel *Egeria*, are shown on the chart.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 4th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 107.

[Second Publication.]

AUSTRALIA, SOUTH COAST—CAPE NELSON, CAPE SCHANCK, AND GABO ISLAND.

Intended exhibition of auxiliary "red" lights.

THE British Admiralty has given notice (No. 223 of 1894) that an auxiliary *red* light, visible seaward over an arc of 180°, will be exhibited from each of the undermentioned light-houses on the dates given.

These lights will be invisible to an observer, whose eye is 14 feet above the level of the sea, until at a distance of 3 miles or less from the light.

They are intended to warn Mariners of their near approach to the shore, and when seen, course should be altered to seaward until beyond the range of the *red* light.

In hazy or misty weather Mariners should not rely on sighting these *red* lights, but should keep a good offing.

1. Cape Nelson—the light will be exhibited, 12th June 1894.
Approximate position, lat. 38° 25' 45" S., long. 141° 33' 0" E.
2. Cape Schanck—the light will be exhibited, 26th June 1894.
Approximate position, lat. 38° 29' 45" S., long. 144° 53' 10" E.
3. Gabo island—the light will be exhibited, 10th July 1894.
Approximate position, lat. 37° 34' 20" S., long. 149° 55' 45" E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 4th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 108.

[Second Publication.]

EASTERN ARCHIPELAGO—JAVA, NORTH COAST.

A conical buoy moored marking sunken wreck in Pekalongan road.

THE British Admiralty has given notice (No. 229 of 1894) that a *conical* buoy, painted red, with a white horizontal stripe and the word *Wreck* in black letters on it, has been moored on the northern side of the sunken wreck of the burnt vessel *Ben Macdhui*, in a position with Pekalongan harbour light, bearing S. by E. (S. 11° E), distant about one mile.

Approximate position, lat. 6° 50½' S., long. 109° 41' E.

(Variation, 2° Easterly in 1894.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 4th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 109.

[Second Publication.]

AUSTRALIA—DUNGENESS, CAIRNS HARBOUR, BARRON RIVER, MULGRAVE RIVER, AND LARK PASS.

Buoys and Beacons.

THE Portmaster, Brisbane, has given notice (No. 9 of 1894) that the two outer black buoys and all the beacons at Dungeness, Port Hinchinbrook, are out of position. That the heads of the beacons marking the cutting across the Cairns Bar are down. That the beacons on the bars of the Barron and Mulgrave rivers are down.

That the outer beacon marking the Lark Pass, Barrier Reef, is down, and that the sandbank which formerly marked the reef has disappeared.

The abovenamed buoys and beacons will be restored as soon as practicable.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 110.

[Second Publication.]

AUSTRALIA—GREAT SANDY STRAIT.

Alteration in channel near Stewart island.

THE Portmaster, Brisbane, has given notice (No. 10 of 1894) that owing to recent small changes in the channel near Stewart island, the following directions must be observed, viz :—

Vessels from the southward after passing the white triangular leading marks on Stewart island are to bring them in line astern, and keep them so until near to a white beacon on Stewart island, then haul to the eastward, opening the leading marks mentioned about three times their own width, and proceed with them in that position until past the red beacon, when proceed as usual.

A black beacon has been placed on the end of the spit, off the south end of Stewart island, previously marked by a black buoy.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 111.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Position of the wreck of the light-vessel "Pharos."

WITH reference to Notice to Mariners, No. 81, dated the 30th April last, issued by this office, the Port Officer, Rangoon, has given further notice that the wreck of the Spit light-ship lies sunk in 25 feet at L. W. Springs, with her head about north, with mast and yards showing at L. W. on the following bearings :—

Elephant Point Obelisk	...	...	N. 43° W.
Eastern Grove Light-house	...	...	N. 17° E.

(The bearings are magnetic.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 112.

[Second Publication.]

INDIA, WEST COAST—MORMAGAO HARBOUR.

Red buoy marking Marmagao Rock removed for the monsoon.

THE following Notice to Mariners, issued by the Government of Bombay, is re-published :—

"Information has been received from the Acting Agent, West of India Portuguese Guaranteed Railway Company, Limited, that the Red Buoy marking 'Mormagao Rock' was removed on Tuesday, the 22nd May 1894, for the south-west monsoon. The Red light at the end of the break-water will also be removed after the monsoon has burst."

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 101.

[Third Publication.]

AUSTRALIA—TORRES STRAIT.

Beacons in the Inner Route are down or considerably damaged.

THE Port Master, Brisbane, has given notice, No. 8 of 1894, that the following beacons are down, or are considerably damaged, viz:—

Wye (y) Reef	...	...	...	Black beacon.
Chapman island	...	...	...	Black beacon.
Tih Tih (tt)	...	...	...	Black beacon.
Chilcott Rocks	...	...	...	Red beacon.
Bow Reef	...	...	...	Black beacon.
Ellis islet (No. VII)	...	...	...	Black beacon.

In addition to those named, it is possible that other beacons may be down also. Master of vessels are therefore cautioned, that the greatest care must be exercised in navigating the Inner Route in the absence of these beacons. They will be restored as soon as practicable.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 22nd May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 102.

[Third Publication.]

NEW ZEALAND—HAURAKI GULF.

Amended position of Zeno rock, and rock found westward of it.

WITH reference to Notice to Mariners (No. 13, dated the 13th January last), issued by this office, the British Admiralty has given further notice (No. 202 of 1894) that an examination of the vicinity of Zeno rock has recently been made by Captain Fairchild of the Government steamer *Hinemoa*, with the following result:—

1. A rock, with a depth of 11 feet on it at low water, has been found in a position with the summit of the south-eastern Motu hurakia (230) bearing N.W. (N. 45° W.), distant 1½ miles; and Rakino island summit (195) S.W. by W. ½ W. (S. 61° W.)

Approximate position on chart No. 2543, lat. 36° 43' 30" S., long. 175° 0' 30" E.

2. Zeno rock, with a depth of 19 feet on it, lies half a cable eastward of the above rock, or a quarter of a mile W.S.W. (S. 68° W.) of the position given in Notice to Mariners No. 645 of 1893. Eastward of Zeno rock there are depths of 6 to 10 fathoms.

(Variation, 14° Easterly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 25th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 103.

[Third Publication.]

JAPAN—KUSUR.

Nagasaki harbour—Alteration in position of Tachigami buoy.

WITH reference to Notice to Mariners No. 51, dated the 17th March last, issued by this office, the British Admiralty has given further notice (No. 204 of 1894) that Tachigami buoy (conical, black, with a cylindrical topmark) has been moved about half a cable to the south-eastward, and is now moored in a depth of 5 fathoms on the eastern side of the recently found 21 feet rock.

From the buoy Minage point bears N. 7° E. (N. 10° E.), distant 3½ cables; and Nabekamuri yama E. by S. ½ S. (S. 73° E.).

Approximate position, lat. 32° 44' 5" N., long. 129° 51' 10" E.

(Variation, 4° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 25th May 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 104.

[Third Publication.]

SOUTH PACIFIC OCEAN.—FIJI ISLANDS.

Nanuku passage—Exhibition of light

THE British Admiralty has given notice (No. 205 of 1894) that on 29th March 1894 a light was exhibited in Nanuku passage.

It is believed that the light is on Weilangilala island, but no precise information respecting its locality or characteristics has yet been received.

Approximate position, Weilangilala. lat. $16^{\circ} 45' S.$, long. $179^{\circ} 5\frac{3}{4}' W.$

Further notice will be given when the detailed information has been received.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 105.

[Third Publication.]

JAPAN, WESTERN SHORE—PETER THE GREAT BAY.

Sunkun rocks northward of Cape Gamova.

THE British Admiralty has given notice (No. 212 of 1894) of the existence of a rock, a cable in extent, with a depth of 5 feet on it, and 20 to 24 fathoms near, lying E.N.E. (N. $67^{\circ} E.$) from the small island situated $2\frac{3}{4}$ miles north-north-eastward of cape Gamova.

Approximate position, rock, lat. $42^{\circ} 36' 15'' N.$, long. $131^{\circ} 15' 45'' E.$

Also, of the existence of a rock, about three-quarters of a cable in extent N.E. and S.W., and half a cable broad, with a depth of 3 feet on it, and 16 fathoms near, lying three-quarters of a mile off shore at about $1\frac{1}{2}$ miles northward of cape Astafiev.

Approximate position, rock, lat. $42^{\circ} 38' 35'' N.$, long. $131^{\circ} 15' 15'' E.$

(*Variation, 6° Westerly in 1894.*)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information

CALCUTTA, the 25th May 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JUNE 20, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 119.

[First Publication.]

INDIA, WEST—MALABAR COAST.

The colour of the Kundapur light will be changed to fixed "white."

THE following Notice to Mariners, issued by the Presidency Port Officer, Madras, is republished:—

"On the re-exhibition of the light at Kundapur on September 15th, 1894, the colour will be changed from fixed red to "*fixed white*." If possible, the light will also by that date be moved to a site on the opposite side of the Harbour entrance. On this point a further notice will issue."

B. P. CREAGH, *Commdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 15th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 120.

[First Publication.]

AUSTRALIA, SOUTH COAST—SPENCER GULF.

GERMEIN BAY—*Intended withdrawal of light-vessel and alteration in jetty light.*

THE British Admiralty has given notice (No. 248 of 1894) that on 1st August 1894, the light-vessel in Germein bay (*fixed white* light) will be withdrawn, and that the light shown at the extremity of Germein jetty (*fixed red*) will be altered to a *fixed white* light, visible from a distance of ten miles.

Approximate position, light-vessel, lat. $33^{\circ} 3' 45''$ S., long. $137^{\circ} 52' 15''$ E.

Approximate position, jetty light, lat. $33^{\circ} 2' 15''$ S., long. $137^{\circ} 59' 30''$ E.

Further notice will be given in due course.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 18th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 121.

[First Publication.]

JAPAN—YEZO—SETO UCHI.

YEZO—Temporary decreased power of Noshap saki light.

THE British Admiralty has given notice (No. 249 of 1894) that the lens of Noshap (Noyshaf) saki light (*white*, with *red* sector) has been damaged by an earthquake, and until further notice the light will be exhibited from the lantern of that light-house without the lens.

Approximate position, lat. $43^{\circ} 22' 55''$ N., long. $145^{\circ} 49'$ E.

SETO UCHI, OSAKA—*Exhibition of Temposan permanent light.*

Also, that on 15th April 1894, the permanent light at Temposan fort, entrance to Aji gawa, would be re-exhibited, and the temporary light (*fixed white*) discontinued:—

Temposan permanent light is a *fixed* light, showing *white* from N. 61° W., through north to N. 74° E; *red* from N. 74° E. to N. 84° E., over the entrance to Aji gawa; and *white* from N. 84° E., through south to S. 57° W.; it is elevated 52 feet above the sea, and visible from a distance of 12 miles in clear weather.

The light-house, 30 feet high, is constructed of wood, hexagonal in shape, and painted white.

Approximate position, lat. $34^{\circ} 39' 45''$ N., long. $135^{\circ} 26'$ E.

(Variation (2) 5° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 18th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 122.

[First Publication.]

INDIA, WEST—MALABAR COAST.

The Allepey mud bank shifted to Tircoonnappilly.

THE Master Attendant, Allepey, has given notice that the Allepey mud bank has shifted to Tircoonnappilly, $17\frac{1}{2}$ miles south of the Allepey light. Vessels can anchor in $4\frac{1}{2}$ fathoms in smooth water. A temporary flagstaff has been erected on the beach at Tircoonnappilly, to serve as a landmark and for communicating with vessels.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 18th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 123.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Depths of water in certain river channels.

THE Port Officer, Chittagong, has given notice that the following depths of water were found in the river channels by soundings taken on the 18th June and reduced to zero:—

					Ft.	In.
No. 1 track, marks on	...	...	...	...	10	6
Inner black buoy on leading tree	...	...	...	...	12	0
No. 2 track, marks on	...	...	...	...	8	6*
" 3 "	...	...	...	...	18	0
" 4 "	...	...	...	...	19	0
" 5 "	...	...	...	...	16	0

* Caution should be observed when crossing No. 2 Track, as the sand is at present apparently moving S.E., and the depth may vary from day to day.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,

Under-Secretary, Marine Department.

CALCUTTA, the 18th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT

NOTICE TO MARINERS—No. 113.

[Second Publication.]

PACIFIC OCEAN—ANTIPODES ISLAND.

Depôt for shipwrecked persons—Amended position of the hut on this island.

THE British Admiralty has given notice (No. 232 of 1894) that information has been received from Lieutenant and Commander L. G. S. Hancock, H.M.S. *Lizard*, dated 22nd February 1894, that he has determined the position of the Hut (depôt for shipwrecked persons) on Antipodes island to be approximately in lat. 49° 39' S., long. 178° 50' E.

This position has been adopted on the Admiralty charts.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 114.

[Second Publication.]

INDIA.

Uniform system of buoyage.

THE following Notice to Mariners (No. 234 of 1894), issued by the British Admiralty, is republished:—

The following uniform system of buoyage was adopted for Indian waters in 1892, and the Government of India has given notices that it has since been carried out at the under-mentioned ports, viz., Karachi, Bombay harbour, Madras harbour, Balasor river, Akyab harbour, Bassein river, and Rangoon river.

The system is as follows:—

1. The Mariner, when approaching the coast, must determine his position on the chart, and must note the direction of the main stream of flood-tide.
2. The term Starboard Hand shall denote that side which would be on the right hand of the Mariner, either going with the main stream of flood, or entering a harbour, river, or estuary from seaward; the term Port Hand shall denote the left hand of the Mariner under the same circumstances.
3. Buoys showing the pointed top of a cone above water shall be called *Conical*, and shall always be Starboard Hand buoys, as above defined.
4. Buoys showing a flat top above water shall be called *Can*, and shall always be Port Hand buoys, as above defined.
5. Buoys showing a domed top above water shall be called *Spherical*, and shall mark the ends of Middle Grounds.
6. Buoys having a tall central structure on a broad base shall be called *Pillar* buoys, and like other special buoys, such as *Bell* buoys, *Gas* buoys, *Automatic Sounding* buoys, etc., shall be placed to mark special positions, either on the coast or in the approaches to harbours, &c.
7. Buoys showing only a mast above water shall be called *Spar* buoys.
8. Starboard Hand buoys shall always be painted a single red colour.
9. Port Hand buoys shall be painted of another characteristic colour, either black or parti-colour.
10. Spherical buoys at the ends of Middle Grounds shall always be distinguished by horizontal stripes of white colour.
11. Surmounting topmarks, such as staff and cone, &c., shall always be painted of one dark colour.
12. Staff and Cone shall only be used on Starboard Hand buoys; Staff and Cylinder on Port Hand; Globes at the outer ends of Middle Grounds; and Half Globes, round part uppermost, at the inner ends.
13. Buoys on the same side of a channel, estuary or tideway, may be distinguished from each other by names of consecutive numbers or letters, commencing from seaward, and when necessary by a staff surmounted by the appropriate top mark.
14. *Fairway* buoys shall always be painted in horizontal stripes of white colour, and shall be surmounted by a staff only.
15. Buoys intended for mooring, etc., may be of shape or colour according to the discretion of the authority within whose jurisdiction they are laid, but for marking Submarine Telegraph Cables the colour shall be green with the word *Telegraph* painted thereon in white letters.

Buoys and marking of Wrecks:—

16. Wreck buoys in the open sea, or in the approaches to a harbour, or estuary, shall be coloured green, with the word *Wreck* painted in white letters on them.

17. When possible the buoy shall be laid near to the side of the wreck next to mid-channel.

18. When a wreck-marking vessel is used, it shall, if possible, have its top-sides coloured green, with the word *Wreck* in white letters thereon, and shall exhibit:—

By day—Three balls on a yard 20 feet above the sea, two placed vertically at one end, and one at the other, the single ball being on the side nearest to the wreck.

By night—Three *fixed white* lights, similarly arranged, but not the ordinary riding light.

19. In narrow waters, or in rivers, harbours, &c., under the jurisdiction of local authorities, the same rules may be adopted, or, at discretion, varied as follows:—

When a wreck-marking vessel is used, she shall carry a yard on a mast, with two balls by day, placed horizontally, not less than 6 nor more than 12 feet apart, and two lights by night, similarly placed.

When a barge or boat only is used a flag or ball may be shown in the day-time.

The position in which the marking vessel is placed, with reference to the wreck, shall be at the discretion of the local authority having jurisdiction.

Special Notices to Mariners, Nos. 267 and 562 of 1892, and Nos. 36, 37, and 264 of 1893, have already been given for Karachi, Bombay, Akyab, Bassein and Rangoon.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 115.

[Second Publication.]

CHINA, EAST COAST—YANG TSE-KIANG.

Bank reported on the northern approach.

THE British Admiralty has given notice (No. 242 of 1894) that the Master of the British steamer *Feilung* reports having obtained soundings of $6\frac{1}{2}$ to 7 fathoms, fine sand, for a distance of three miles, then deepening to 13 fathoms, blue mud, on a bank, the centre of which is situated approximately in lat. $32^{\circ} 18' 30''$ N., long. $122^{\circ} 27'$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 116.

[Second Publication.]

AUSTRALIA, SOUTH COAST—SPENCER GULF.

Less water reported on South end of Middle bank.

THE British Admiralty has given notice (No. 245 of 1894) that the Master of the ship *Dimsdale*, of 21 feet draught, reports having grounded, at 11h. 30m., a.m., 18th January 1894 (about low water), on Middle bank, in a position with Barn hill, bearing E. by N. $\frac{1}{4}$ N. (N. 76° E.), and Riley point S. by E. (S. 11° E.).

Approximate position, lat. $33^{\circ} 40'$ S., long. $137^{\circ} 34\frac{1}{2}'$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 117.

[Second Publication.]

JAPAN—SETO UCHI.

Herima Nada—Sunken wreck south-east of Fukube sima.

THE British Admiralty has given notice (No. 247 of 1894) that a sunken wreck lies in a depth of 17 fathoms, with a mast showing above water, in a position with Fukube sima, bearing N.W. $\frac{3}{4}$ W. (N. 53° W.), distant $1\frac{1}{2}$ miles; and Ukado (Ookado) point N.E. (N. 45° E.).

Approximate position, lat. $34^{\circ} 24' 40''$ N., long. $134^{\circ} 18' 30''$ E.

Aogi seto—Destruction of *Ishi guso* (*Ushigahaye*) beacon.

Also, that the beacon on *Ishi guso*, approach to Tadanomi, was nearly destroyed during a gale in January 1894, and is no longer available as a mark.

Approximate position, lat. $34^{\circ} 19' 40''$ N., long. $132^{\circ} 59' 55''$ E.

(Variation, 5° Westerly in 1894.)

B. P. CREAGH, *Comdr.*, R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 118.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Palmyra reef buoy placed in position.

WITH reference to Notice to Mariners, No. 137, dated the 6th June 1893, issued by this office, the Port Officer, Chandbally, has given further notice that the Palmyra reef buoy, painted black, having a spire, and with the letters *P.R.*, painted in white, has been laid in 84 feet reduced, Shortt's island light-house bearing from the buoy W. 19° S. magnetic. Beacon a little open to S. of light-house.

B. P. CREAGH, *Comdr.*, R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 106.

[Third Publication.]

CHINA SEA—MALACCA STRAIT.

Penang harbour—Alteration in entrance to South Channel.

THE British Admiralty has given notice (No. 221 of 1894) that considerable alteration has taken place in the entrance to South Channel, Penang harbour. The bank on the east side is extending into the channel, and on the west side washing away outside Rimau island.

Caution is therefore necessary in using this channel until the soundings recently obtained by Commander A. M. Field, H.M. Surveying vessel *Egeria*, are shown on the chart.

B. P. CREAGH, *Comdr.*, R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 107.

[Third Publication.]

AUSTRALIA, SOUTH COAST—CAPE NELSON, CAPE SCHANCK, AND GABO ISLAND.

Intended exhibition of auxiliary "red" lights.

THE British Admiralty has given notice (No. 223 of 1894) that an auxiliary red light visible seaward over an arc of 180° , will be exhibited from each of the undermentioned light-houses on the dates given.

These lights will be invisible to an observer, whose eye is 14 feet above the level of the sea, until at a distance of 3 miles or less from the light.

They are intended to warn Mariners of their near approach to the shore, and when seen, course should be altered to seaward until beyond the range of the red light.

In hazy or misty weather Mariners should not rely on sighting these red lights, but should keep a good offing.

1. Cape Nelson—the light will be exhibited, 12th June 1894.
Approximate position, lat. $38^{\circ} 25' 45''$ S., long. $141^{\circ} 33' 0''$ E.
2. Cape Schanck—the light will be exhibited, 26th June 1894.
Approximate position, lat. $38^{\circ} 29' 45''$ S., long. $144^{\circ} 53' 10''$ E.

3. Gabo island—the light will be exhibited, 10th July 1894.
Approximate position, lat. $37^{\circ} 34' 20''$ S., long. $149^{\circ} 55' 45''$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 108.

[Third Publication.]

EASTERN ARCHIPELAGO—JAVA, NORTH COAST.

A conical buoy moored marking sunken wreck in Pekalongan road.

THE British Admiralty has given notice (No. 249 of 1894) that a conical buoy, painted red, with a white horizontal stripe and the word *Wreck* in black letters on it, has been moored on the northern side of the sunken wreck of the burnt vessel *Ben Macdhui*, in a position with Pekalongan harbour light, bearing S. by E. (S. 11° E), distant about one mile.

Approximate position, lat. $6^{\circ} 50\frac{1}{2}'$ S., long. $109^{\circ} 41'$ E.

(Variation, 2° Easterly in 1894.)

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 109.

[Third Publication.]

AUSTRALIA—DUNGENESS, CAIRNS HARBOUR, BARRON RIVER, MULGRAVE RIVER, AND LARK PASS.

Buoys and Beacons.

THE Portmaster, Brisbane, has given notice (No. 9 of 1894) that the two outer black buoys and all the beacons at Dungeness, Port Hinchinbrook, are out of position.

That the heads of the beacons marking the cutting across the Cairns Bar are down.

That the beacons on the bars of the Barron and Mulgrave rivers are down.

That the outer beacon marking the Lark Pass, Barrier Reef, is down, and that the sandbank which formerly marked the reef has disappeared.

The abovenamed buoys and beacons will be restored as soon as practicable.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 110.

[Third Publication.]

AUSTRALIA—GREAT SANDY STRAIT.

Alteration in channel near Stewart island.

THE Portmaster, Brisbane, has given notice (No. 10 of 1894) that owing to recent small changes in the channel near Stewart island, the following directions must be observed, viz:—

Vessels from the southward after passing the white triangular leading marks on Stewart island are to bring them in line astern, and keep them so until near to a white beacon on Stewart island, then haul to the eastward, opening the leading marks mentioned about three times their own width, and proceed with them in that position until past the red beacon, when proceed as usual.

A black beacon has been placed on the end of the spit, off the south end of Stewart island, previously marked by a black buoy.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 111.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Position of the wreck of the light-vessel "Pharos."

With reference to Notice to Mariners, No. 81, dated the 30th April last, issued by this office, the Port Officer, Rangoon, has given further notice that the wreck of the Spit light-ship lies sunk in 25 feet at L. W. Springs, with her head about north, with mast and yards showing at L. W. on the following bearings:—

Elephant Point Obelisk	...	...	...	N. 43° W.
Eastern Grove Light-house	...	...	...	N. 17° E.

(The bearings are magnetic.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 112.

[Third Publication.]

INDIA, WEST COAST—MORMAGAO HARBOUR.

Red buoy marking Marmagao Rock removed for the monsoon.

The following Notice to Mariners, issued by the Government of Bombay, is republished:—

"Information has been received from the Acting Agent, West of India Portuguese Guaranteed Railway Company, Limited, that the Red Buoy marking 'Mormagão Rock' was removed on Tuesday, the 22nd May 1894, for the south-west monsoon. The Red light at the end of the break-water will also be removed after the monsoon has burst."

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JUNE 27, 1894.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 119.

[Second Publication.]

INDIA, WEST—MALABAR COAST.

The colour of the Kundapur light will be changed to fixed "white."

THE following Notice to Mariners, issued by the Presidency Port Officer, Madras, is republished:—

"On the re-exhibition of the light at Kundapur on September 15th, 1894, the colour will be changed from fixed red to "fixed white." If possible, the light will also by that date be moved to a site on the opposite side of the Harbour entrance. On this point a further notice will issue."

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 15th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 120.

[Second Publication.]

AUSTRALIA, SOUTH COAST—SPENCER GULF.

GERMEIN BAY—*Intended withdrawal of light-vessel and alteration in jetty light.*

THE British Admiralty has given notice (No. 248 of 1894) that on 1st August 1894, the light-vessel in Germein bay (*fixed white light*) will be withdrawn, and that the light shown at the extremity of Germein jetty (*fixed red*) will be altered to a *fixed white light*, visible from a distance of ten miles.

Approximate position, light-vessel, lat. $33^{\circ} 3' 45''$ S., long. $137^{\circ} 52' 15''$ E.

Approximate position, jetty light, lat. $33^{\circ} 2' 15''$ S., long. $137^{\circ} 59' 30''$ E.

Further notice will be given in due course.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

K. H. STEPHEN,
Under-Secretary, Marine Department.

CALCUTTA, the 18th June 1894.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 121.

[Second Publication.]

JAPAN—YEZO—SETO UCHI.

Yezo—Temporary decreased power of Noshap saki light.

THE British Admiralty has given notice (No. 249 of 1894) that the lens of Noshap (Noyshaf) saki light (*white*, with *red* sector) has been damaged by an earthquake, and until further notice the light will be exhibited from the lantern of that light-house without the lens.

Approximate position, lat. $43^{\circ} 22' 55''$ N., long. $145^{\circ} 49'$ E.

SETO UCHI, OSAKA—*Exhibition of Temposan permanent light.*

Also, that on 15th April 1894, the permanent light at Temposan fort, entrance to Aji gawa, would be re-exhibited, and the temporary light (*fixed white*) discontinued:—

Temposan permanent light is a *fixed* light, showing *white* from N. 61° W., through north to N. 74° E.; *red* from N. 74° E. to N. 84° E., over the entrance to Aji gawa; and *white* from N. 84° E., through south to S. 57° W.; it is elevated 52 feet above the sea, and visible from a distance of 12 miles in clear weather.

The light-house, 30 feet high, is constructed of wood, hexagonal in shape, and painted white.

Approximate position, lat. $34^{\circ} 39' 45''$ N., long. $135^{\circ} 26'$ E.

(Variation (2) 5° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 122.

[Second Publication.]

INDIA, WEST—MALABAR COAST.

The Allepey mud bank shifted to Tircoonnappilly.

THE Master Attendant, Allepey, has given notice that the Allepey mud bank has shifted to Tircoonnappilly, $17\frac{1}{2}$ miles south of the Allepey light. Vessels can anchor in $4\frac{1}{2}$ fathoms in smooth water. A temporary flagstaff has been erected on the beach at Tircoonnappilly, to serve as a landmark and for communicating with vessels.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 123.

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Depths of water in certain river channels.

THE Port Officer, Chittagong, has given notice that the following depths of water were found in the river channels by soundings taken on the 13th June and reduced to zero:—

					Ft.	In.
No. 1 track, marks on	...	...	...	...	10	6
Inner black buoy on leading tree	...	...	...	...	12	0
No. 2 track, marks on	...	...	...	...	8	6*
„ 3 „	...	...	...	...	18	0
„ 4 „	...	...	...	...	19	0
„ 5 „	...	...	...	...	16	0

* Caution should be observed when crossing No. 2 Track, as the sand is at present apparently moving S.E., and the depth may vary from day to day.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 113.

[Third Publication.]

PACIFIC OCEAN—ANTIPODES ISLAND.

Depôt for shipwrecked persons—Amended position of the hut on this island.

THE British Admiralty has given notice (No. 232 of 1894) that information has been received from Lieutenant and Commander L. G. S. Hancock, H.M.S. *Lizard*, dated 22nd February 1894, that he has determined the position of the hut (depôt for shipwrecked persons) on Antipodes island to be approximately in lat. $49^{\circ} 39' S.$, long. $178^{\circ} 50' E.$

This position has been adopted on the Admiralty charts.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 114.

[Third Publication.]

INDIA.

Uniform system of buoyage.

THE following Notice to Mariners (No. 234 of 1894), issued by the British Admiralty, is republished :—

The following uniform system of buoyage was adopted for Indian waters in 1892, and the Government of India has given notices that it has since been carried out at the under-mentioned ports, viz., Karachi, Bombay harbour, Madras harbour, Balasor river, Akyab harbour, Bassein river, and Rangoon river.

The system is as follows :—

1. The Mariner, when approaching the coast, must determine his position on the chart, and must note the direction of the main stream of flood-tide.
2. The term Starboard Hand shall denote that side which would be on the right hand of the Mariner, either going with the main stream of flood, or entering a harbour, river, or estuary from seaward; the term Port Hand shall denote the left hand of the Mariner under the same circumstances.
3. Buoys showing the pointed top of a cone above water shall be called *Conical*, and shall always be Starboard Hand buoys, as above defined.
4. Buoys showing a flat top above water shall be called *Can*, and shall always be Port Hand buoys, as above defined.
5. Buoys showing a domed top above water shall be called *Spherical*, and shall mark the ends of Middle Grounds.
6. Buoys having a tall central structure on a broad base shall be called *Pillar* buoys, and like other special buoys, such as *Bell* buoys, *Gas* buoys, *Automatic Sounding* buoys, etc., shall be placed to mark special positions, either on the coast or in the approaches to harbours, &c.
7. Buoys showing only a mast above water shall be called *Spar* buoys.
8. Starboard Hand buoys shall always be painted a single red colour.
9. Port Hand buoys shall be painted of another characteristic colour, either black or parti-colour.
10. Spherical buoys at the ends of Middle Grounds shall always be distinguished by horizontal stripes of white colour.
11. Surmounting topmarks, such as staff and cone, &c., shall always be painted of one dark colour.
12. Staff and Cone shall only be used on Starboard Hand buoys; Staff and Cylinder on Port Hand; Globes at the outer ends of Middle Grounds; and Half Globes, round part uppermost, at the inner ends.
13. Buoys on the same side of a channel, estuary or tideway, may be distinguished from each other by names of consecutive numbers or letters, commencing from seaward, and when necessary by a staff surmounted by the appropriate top mark.
14. *Fairway* buoys shall always be painted in horizontal stripes of white colour, and shall be surmounted by a staff only.
15. Buoys intended for mooring, etc., may be of shape or colour according to the discretion of the authority within whose jurisdiction they are laid, but for marking Submarine Telegraph Cables the colour shall be green with the word *Telegraph* painted thereon in white letters.

Buoys and marking of Wrecks :—

16. Wreck buoys in the open sea, or in the approaches to a harbour, or estuary, shall be coloured green, with the word *Wreck* painted in white letters on them.

17. When possible the buoy shall be laid near to the side of the wreck next to mid-channel.

18. When a wreck-marking vessel is used, it shall, if possible, have its top-sides coloured green, with the word *Wreck* in white letters thereon, and shall exhibit:—

By day—Three balls on a yard 20 feet above the sea, two placed vertically at one end, and one at the other, the single ball being on the side nearest to the wreck.

By night—Three *fixed white* lights, similarly arranged, but not the ordinary riding light.

19. In narrow waters, or in rivers, harbours, &c., under the jurisdiction of local authorities, the same rules may be adopted, or, at discretion, varied as follows:—

When a wreck-marking vessel is used, she shall carry a yard on a mast, with two balls by day, placed horizontally, not less than 6 nor more than 12 feet apart, and *two* lights by night, similarly placed.

When a barge or boat only is used a flag or ball may be shown in the day-time.

The position in which the marking vessel is placed, with reference to the wreck, shall be at the discretion of the local authority having jurisdiction.

Special Notices to Mariners, Nos. 267 and 562 of 1892, and Nos. 36, 37, and 264 of 1893, have already been given for Karachi, Bombay, Akyab, Bassein and Rangoon.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 115.

[Third Publication.]

CHINA, EAST COAST—YANG TSE KIANG.

Bank reported on the northern approach.

THE British Admiralty has given notice (No. 242 of 1894) that the Master of the British steamer *Feilung* reports having obtained soundings of $6\frac{1}{2}$ to 7 fathoms, fine sand, for a distance of three miles, then deepening to 13 fathoms, blue mud, on a bank, the centre of which is situated approximately in lat. $32^{\circ} 18' 30''$ N., long. $122^{\circ} 27'$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 116.

[Third Publication.]

AUSTRALIA, SOUTH COAST—SPENCER GULF.

Less water reported on South end of Middle bank.

THE British Admiralty has given notice (No. 245 of 1894) that the Master of the ship *Dimsdale*, of 21 feet draught, reports having grounded, at 11h. 30m., a.m., 18th January 1894 (about low water), on Middle bank, in a position with Barn hill, bearing E. by N. $\frac{1}{4}$ N. (N. 76° E.), and Riley point S. by E. (S. 11° E.).

Approximate position, lat. $33^{\circ} 40'$ S., long. $137^{\circ} 34\frac{1}{2}'$ E.

B. P. CREAGH, *Comdr., R.I.M.,*
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 117.

[Third Publication.]

JAPAN—SETO UCHI.

Herima Nada—Sunken wreck south-east of Fukube sima.

THE British Admiralty has given notice (No. 247 of 1894) that a sunken wreck lies in a depth of 17 fathoms, with a mast showing above water, in a position with Fukube sima, bearing N.W. $\frac{3}{4}$ W. (N. 53° W.), distant $1\frac{1}{2}$ miles; and Ukado (Ookado) point N.E. (N. 45° E.).

Approximate position, lat. $34^{\circ} 24' 40''$ N., long. $134^{\circ} 18' 30''$ E.

Aogi seto—Destruction of Ishi guso (Ushigahaye) beacon.

Also, that the beacon on Ishi guso, approach to Tadanomi, was nearly destroyed during a gale in January 1892, and is no longer available as a mark.

Approximate position, lat. $34^{\circ} 19' 40''$ N., long. $132^{\circ} 59' 55''$ E.

(Variation, 5° Westerly in 1894.)

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 118.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

Palmyra reef buoy placed in position.

WITH reference to Notice to Mariners, No. 137, dated the 6th June 1893, issued by this office, the Port Officer, Chandbally, has given further notice that the Palmyra reef buoy, painted black, having a spire, and with the letters *P.R.*, painted in *white*, has been laid in 84 feet reduced, Shortt's island light-house bearing from the buoy $W. 19^{\circ} S.$ magnetic. Beacon a little open to S. of light-house.

B. P. CREAGH, Comdr., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th June 1894.

K. H. STEPHEN,
Under-Secretary, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

The 20th June 1894.

No. 51 Marine.—Under the powers conferred upon him by section 21 of Act VI of 1884 (the Inland Steam-vessels Act), and with the previous sanction of the Governor-General in Council, the Lieutenant-Governor has been pleased to sanction the following revised form for granting certificates of survey to inland steam-vessels in supersession of the form sanctioned under Notification No. 90 Marine, dated the 25th April 1890, which was published in the *Calcutta Gazette* of the 7th May following.

C. W. ODLING,
Secy. to the Govt. of Bengal.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JANUARY 31, 1894.

REVISED LIST OF JURORS AND ASSESSORS FOR THE YEAR 1894.

It is notified that objections to the following List of Jurors for the district of 24-Parganas for the year 1894 will be heard and determined by the Sessions Judge and Collector of the district at the Sessions Court at 12 A.M. on Monday, the 19th February 1894.

NAMES.	PLACE OF ABODE.		Race.	Quality or business.
	Thana.	Village road, or street.		
A				
1 Addy, P N	...	28, Baniapukur Road	...	Accountant.
2 Allison, J E	...	76, South Road, Intally	Eurasian	Licensed Measurer, Bengal Chamber of Commerce.
3 Alison, D J	...	6, Lansdowne Row	Christian	Assistant, Finlay, Muir & Co.
4 Almeida, E	...	23, Convent Road	East Indian	Clerk, Apear & Co.
5 Aldon, W. C.	...	1, Alipore Lane	European	Merchant.
6 Andrews, G. N.	...	75, South RoadIntally	East Indian	Assistant Accountant, Port Commissioners' Office, Calcutta.
7 Arbuthnot, J	...	5, Alipore Road	European	Merchant.
8 Ashton, H S	...	13, ditto	ditto	ditto
9 Augustine, E F	...	62, Middle Road, Intally	East Indian	Office, Military Department.
B				
10 Barlow, T C	...	13, Watunge Street	European	Proprietor, J. Teil & Co.
11 Beaumont, E S	...	Garden Reach Road	ditto	Deputy Surveyor, Port Commissioners' Office.
12 Beddoe, R S	...	13, Komedan Lane	Eurasian	Assistant in the Principal Medical Store-keeper's Department.
13 Beddoo, F	...	Circular Garden Reach Road	European	Clerk.
14 Belletty, R	...	South Road, Intally	East Indian	Assistant, Carriage Department, East Indian Railway.
15 Bellamy, W J	...	6, Canal Road	ditto	Clerk.
16 Blaquire, H	...	7, Middle Road, Intally	European	Assistant, Whiteway & Co.
17 Blyth, T R	...	13, Canal Road	ditto	Assistant Curator, Indian Museum.
18 Blaquire, W	...	22, ditto	ditto	Hoare, Miller & Co.
19 Brownfield, R	...	The Penn	ditto	Barrister-at law.
20 O'Brien, M	...	21, North Road, Intally	ditto	Pensioner.
21 O'Brien, H	...	21,, ditto	Eurasian	Accountant's Office, Eastern Bengal State Railway.
22 Burroughs, A	...	19, Cantopher's Lane	ditto	C. Inspector.
23 Chatters, M	...	4, Lansdowne Row	Christian	Land-holder.
24 Chatters, A M	...	Lockgate Road	East Indian	Engineer.
25 Charriel, P	...	Garden Reach Road	European	Merchant.
26 Charlton, R J	...	Dum-Dum Road	ditto	Veterinary Surgeon, Calcutta Tramways.
27 Cleghorn, E	...	19, Gobra Road, South	Eurasian	Teacher.
28 Charriol, J A	...	4, Garden Reach	European	Merchant.
29 Chick, H C	...	172½, Lower Circular Road	ditto	High Court Attorney.

30	Coelo, J	...	Intally	...	26, South Road Intally	...	...	...	East Indian	...	Pleader, Court of Small Causes, Calcutta.
31	Collins, S	...	ditto	...	17, Canal Road	...	...	...	European	...	Pensioner.
32	Callow, James	...	Baniapukur	...	78, Hatibagan Road, South	...	...	...	Eurasian	...	Merchant.
33	Callow, John	...	ditto	...	ditto	...	...	...	ditto	...	ditto.
34	Cox, H M	...	ditto	...	178, Lower Circular Road	...	...	...	European	...	Master Pilot.
35	Curry, R	...	Chitpur	...	2, Chitpur Ghat Lane	...	...	...	Eurasian	...	Manager, Hooghly Hydraulic Press.
D											
36	Davidson, E	...	Intally	...	7, Convent Road	...	...	...	Eurasian	...	Clerk.
37	Davis, E	...	Baniapukur	...	72, Tiljola Road	...	...	...	European	...	Merchant.
38	DeCosta, O	...	Intally	...	14, Tangra Road	...	...	...	East Indian	...	Contractor.
39	DeSilva, F	...	ditto	...	51, Middle Road, Intally	...	...	...	ditto	...	Clerk.
40	DeSilva, E M	...	Watgunge	...	36, Circular Garden Reach Road	...	...	...	Eurasian	...	Contractor.
41	DeSilva, J	...	Intally	...	2, Middle Road, Intally	...	...	...	East Indian	...	Chief Clerk, Post Office.
42	Disent, A	...	ditto	...	Lower Circular Road	...	...	...	ditto	...	Teacher, Doveton College.
43	Dewar, W B	...	Garden Reach	...	Garden Reach Road	...	...	...	ditto	...	Firm of Messrs. Morrison & Co.
44	Dozey, C	...	Chitpur	...	107, Cossipore Road	...	...	...	European	...	Mechanical Engineer.
45	Dozey, E	...	ditto	...	Chitpur	...	...	...	ditto	...	Clerk, Accountant-General's Office.
46	Dover, H	...	Intally	...	8, Canal Street	...	...	...	East Indian	...	Coach Builder.
47	Dover, E W	...	Ballygunge	...	31, Ballygunge Circular Road	...	...	...	Eurasian	...	Assistant Comptroller, Military Accounts Office.
E											
48	Earl, M	...	Ekbalpur	...	44, Ekbalpur Road	...	...	...	Eurasian	...	Assistant, Kidderpore Dock.
49	Edward, J	...	Baliaghatta	...	Eastern Bengal Railway, Sealdah	...	...	...	European	...	Loco. Superintendent, Eastern Bengal Railway.
50	Elder, G H	...	Chitpur	...	Gun Foundry Road	...	...	...	ditto	...	Engineer, Sugar Works.
51	Elson	...	Watgunge	...	Diamond Harbour Road	...	...	...	ditto	...	Pilot.
52	Evans, A	...	Intally	...	1, Onreat's 2nd Lane	...	...	...	East Indian	...	Registrar of Hackney Carriages, Calcutta.
53	Ewin, B E	...	Baniapukur	...	4, Dehi Serampur	...	...	...	Eurasian	...	Broker.
54	Ewing, C	...	Barrackpore	...	7, Riverside	...	...	...	European	...	Civil Engineer.
F											
55	Ferris, W, Senior	...	Watgunge	...	8, Komedan Bagan Road	...	...	...	European	...	Pensioner.
56	Ferrior, W	...	Garden Reach	...	Garden Reach Road	...	...	...	ditto	...	Manager, Hooghly Mills.
57	Ferris, W, Junior	...	Watgunge	...	8, Komedan Bagan Road	...	...	...	Eurasian	...	Assistant in Municipality.
58	Fielman, P	...	Intally	...	20, Convent Road	...	...	...	European	...	Broker.
59	Forners, H	...	ditto	...	17, ditto	...	...	...	ditto	...	Builder and Contractor.
60	Fox, J	...	Alipore	...	3, Alipore Jail Lane	...	...	...	ditto	...	Deputy Superintendent, Alipore Jail.
61	Frankum, G C	...	Ekbalpur	...	Circular Garden Reach Road	...	...	...	ditto	...	Clerk, Kidderpore Dock-works.
G											
62	Galloway, J	...	Chitpur	...	10, Kali Singha's Road	...	...	...	European	...	Engineer, Calcutta Hydraulic Press.
63	Gasper, E	...	Ballygunge	...	Circular Road, Ballygunge	...	...	...	Christian	...	Clerk.

NAMES.

G

	NAMES.	PLACE OR ABODE.		Race.	Quantity or business.
		Thana.	Village, road, or street.		
64	Gasper, A	...	Circular Road, Ballygunge	...	Zamindar.
65	Gasper, M	...	ditto	...	ditto.
66	Gabriel, T	...	10, Kalli Singa's Road	...	Manager, Calcutta Hydraulic Press.
67	George, W	...	7, Canal Road	...	License Inspector, Calcutta Municipality.
68	Gough, B	...	18, North Road, Intally	...	Editor, <i>Evening News</i> .
69	Gowan, W	...	8, Komedan Bagan	...	Assistant in Government Dockyard.
70	Gasper, C T R	...	1, Rowland's Lane	...	Land-holder
71	Gregory, J	...	Annoda Gopal Palit's Road	...	Pensioner
72	Guinness, C F	...	Municipal Slaughter-house	...	Superintendent, Municipal Slaughter-house, Tangra.

H

73	Hadson, A J	...	Budge-Budge Road	...	European	...	Engineer, Pumping station, Khidderpur Dock.
74	Hamilton, George	...	India General Steam Navigation Company's Dockyard.	...	ditto	...	Foreman Engineer.
75	Hart, P	...	Garbarie Road	...	ditto	...	Clerk, Comptroller-General's Office.
76	Haughton, A P	...	6, Canal Road	...	East Indian	...	Dealer.
77	Harvy, J	...	43, Lansdowne Row	...	Christian	...	Ex-Registrar (Rural).
78	Hartland, W	...	23, Tallygunge Circular Road	...	European	...	Engineer.
79	Hendry, H	...	20, North Road Intally	...	East Indian	...	Clerk at Henry and Henry and proprietor of a Cooly Depot.
80	Hougati, F	...	Army Clothing Agency	...	European	...	Assistant, Army Clothing Agency.
81	Hughes, W	...	7, Monshatolla	...	Eurasian	...	Clerk, Comptroller-General's Office.

J

82	James, D	...	Army Clothing Agency	...	European	...	Examiner, Army Clothing Agency.
83	James	...	Chitpur	...	ditto	...	Traffic Superintendent, Railway.
84	Jones, H A	...	6, Loudon Row	...	ditto	...	Assistant, Marine Department.
85	Joachim, W	...	Gunfoundry Road	...	ditto	...	Engineer, Sugar Works.
86	Jones, H	...	13, Watgunge Street	...	ditto	...	Assistant, John Teil & Co.
87	Jordan, Henry	...	166, Lower Circular Road	...	Eurasian	...	Assistant, St. James' School.

K

88	Kingsley, F J	...	15, Alipore Road	...	European	...	Secy., Royal Insurance Company.
89	Keymer, H G	...	Kali Singa's Road	...	East Indian	...	Engineer, Strand Bank Hydraulic Press.
90	Kidston, J	...	7, Alipore Lane	...	European	...	Assistant to George Henderson & Co.

91	Lambert, J	...	Ekbalpur	...	44, Ekbalpur Road	...	European	...	Horse-dealer
92	Larymore, A. J	...	Alipore	...	Alipor	...	ditto	...	Superintendent, Alipore Jail.
93	Lancaster, C	...	ditto	...	ditto	...	ditto	...	Secretary, Agricultural and Horticultural Garden.
94	Lepatonrel, P B	...	ditto	...	Belvedere Road	...	ditto	...	Superintendent, Municipality, Suburban area.
95	Lee, R	...	Ekbalpur	...	68, Ekbalpur	...	ditto	...	Pensioner.
96	Leadbeater, C	...	Watgunge	...	Circular Garden Reach Road	...	ditto	...	Land-holder.
97	Luskey, C J	...	Intally	...	22, Middle Road, Intally	...	Eurasian	...	Clerk, William and Colling & Co.
98	Linch, W	...	ditto	...	7, Middle Road	...	Eurasian	...	Assistant, Pay Examiner's Office.
99	Lang Law, A	...	Baniapukur	...	166, Lower Circular Road	...	ditto	...	Merchant and Broker.
100	Lord, W	...	Cossipur	...	Cossipur Jheel	...	ditto	...	Engineer.
101	Lumsden, J	...	Intally	...	19, Convent Road	...	East Indian	...	Contractor and Builder.
102	Lopez, E	...	Ekbalpur	...	2, Komedan Road	...	Eurasian	...	Assistant in Government Telegraph.
M									
103	Mackinnon, D	...	Garden Reach	...	Garden Reach Road	...	European	...	Manager, Cotton Mills.
104	Mathew, W	...	Intally	...	67, South Road, Intally	...	ditto	...	Engineer.
105	Melosch, C. L.	...	Alipore	...	Chetla Road	...	ditto	...	Merchant.
106	Moses, E. O.	...	Ballygunge	...	50, Lansdowne Row	...	Armenian	...	Attorney-at-law, High Court.
107	Moses, C. O.	...	ditto	...	1, Rowland's Lane	...	Christian	...	Pleader, Calcutta Police Court.
108	McDowel, J.	...	Cossipore	...	Rastomjee's Lane, Cossipur	...	European	...	Merchant.
109	McGlashan, W.	...	ditto	...	Cossipore	...	ditto	...	Mechanical Engineer, Cossipore Gun Foundry.
110	McIntyre	...	Ekbalpur	...	9-1, Komedan Bagan Lane	...	Eurasian	...	Assistant, Kapp and Company, Photographers.
111	McKiew	...	Intally	...	Tangra	...	European	...	Broker.
112	McClean	...	Chitpur	...	Nawabputty Road	...	ditto	...	Manager, Canal Press.
113	Moore, J.	...	Watgunge	...	Diamond Harbour	...	ditto	...	Pilot.
114	Musgrove, L. H.	...	Intally	...	10, South Road, Intally	...	ditto	...	Clerk, Surveyor-General's Office.
115	Mitchell, M. R. F.	...	Muchikhella	...	Garden Reach	...	ditto	...	Merchant.
116	Mitchell, R. S.	...	Garden Reach	...	26, Garden Reach Road	...	ditto	...	Agent, British Guiana Emigration Agency.
117	Musgrove A. J.	...	Intally	...	10, South Road, Intally	...	ditto	...	Draftsman, Surveyor-General's Office.
118	Muller, H. A.	...	ditto	...	18, Canal Street	...	ditto	...	Superintendent, Calcutta Municipal Work-shop.
119	Murray, Reginald	...	Tollygunge	...	Tollygunge	...	ditto	...	Agent, Chartered Mercantile Bank of India.
N									
120	Nickels, H.	...	Watgunge	...	5, Komedan Bagan Road	...	ditto	...	Assistant, Bonded Warehouse.
121	Nickels, E.	...	ditto	...	59, Kharpur Road	...	ditto	...	ditto
122	Nelson, K.	...	Intally	...	62, Middle Road	...	East Indian	...	Messenger, High Court, Calcutta.
123	Newing, A. J.	...	Baniapukur	...	22, Gorachand Road	...	Eurasian	...	Tauner.

NAMES.

PLACE OF ABODE.
Thana. Village, road or street.

Race.

Quality or business.

O

124	Otto, C.	...	Intally	...	7, Convent Road	...	Eurasian	...	Military Department.
125	Otto, H.	...	ditto	...	ditto	...	ditto	...	Contractor.
126	O'Brien, J. L.	...	Ekbalpur	...	13, Budge-Budge Road	...	ditto	...	Clerk, Dockyard.
127	Osgood, E. L.	...	Chitpur	...	Gun Foundry Road	...	European	...	Assistant, Turner, Morrison and Company.
128	Owen J. O.	...	Ballygunge	...	Ballygunge Circular Road	...	Armenian	...	Assistant, High Court.

P

129	Palmer, W.	...	Watgunge	...	8, Komedan Bagan Road	...	Eurasian	...	Assistant in Kidderpore Docks.
130	Payne, J. H.	...	Intally	...	24, Middle Road, Intally	...	East Indian	...	Proprietor, Soorkee Mill.
131	Payne, E.	...	Baniapukur	...	166, Lower Circular Road	...	West Indian	...	Assistant, Ralli Brothers.
132	Peuheiro, N.	...	Intally	...	1, Ouraet's Lane	...	East Indian	...	Pensioner.
133	Pereira, F.	...	ditto	...	75, South Road, Intally	...	ditto	...	Examiner, Government Printing.
134	Pinkerton, H. C. P.	...	Alipore	...	12, Alipore Road	...	European	...	Assistant to Gillanders, Arbuthnott and Company.
135	Pining, C.	...	Baniapukur	...	6, Dehi Serampore Road	...	Jew	...	Tanner.
136	Piaggio, G.	...	Baniapukur	...	33, Gobra Road, North	...	European	...	Independent.
137	Pristwich, F.	...	Nawabgunge	...	Shamnagore	...	ditto	...	Municipal Commissioner, &c.
138	Prichard, G. S.	...	Intally	...	Ouraet's 2nd Lane	...	ditto	...	Accountant, Public Works Department.

R

139	Rickie, A.	...	Chitpur	...	Nawabputty Road	...	ditto	...	Managing Agent, Union Pressing Company.
140	Robinson, W.	...	Ekbalpur	...	45, Ekbalpur Road	...	ditto	...	Assistant, Asiatic Steam Navigation Company.
141	Rodrigues, H.	...	Intally	...	1, Canal Street, Intally	...	East Indian	...	No employment.
142	Rodgers, T. B.	...	Baniapukur	...	3, Tijjala Road	...	Eurasian	...	Engraver.
143	Rodger, F. B.	...	ditto	...	ditto	...	European	...	Assistant, Surveyor-General's Office.
144	Ruston, A.	...	Chitpur	...	3, Ram Gopal Ghose's Lane	...	ditto	...	Manager, Ralli Brothers' Jute Works.
145	Rutledge, W.	...	Baniapukur	...	38, Padmapukur	...	Eurasian	...	Merchant.
146	Rodrigues, H.	...	Intally	...	35, Middle Road, Intally	...	East Indian	...	Memorial Writer.
147	Rodrigues, J. F.	...	ditto	...	5, Canal Road	...	ditto	...	Assistant, Foreign Office.
148	Rodrigues, J. C.	...	Intally	...	21, Middle Road, Intally	...	East Indian	...	ditto, Manton & Co.
149	Rose, M.	...	Baniapukur	...	175, Lower Circular Road	...	European	...	Merchant.
150	Rees, V. L.	...	ditto	...	4, Tijjala Road	...	ditto	...	ditto.

S

151	Swan, I.	...	Garden Reach	...	Garden Reach Road	...	ditto	...	Clerk, Hooghly Mills.
152	Scott, C. W.	...	Baniapukur	...	Hatibagan Road, South	...	Eurasian	...	Eastern Bengal State Railway.
153	Schiller, F.	...	Alipore	...	Hermitage	...	European	...	Broker.

154	Smith, J W E	...	Baniapukur	...	31, Baniapukur Lane	...	...	...	Assistant, Mercantile Firm.
155	Shircore, S A	...	ditto	...	174, Lower Circular Road	...	Armenian	...	Contractor.
156	Sutton, J B	...	ditto	...	10, Baniapukur Road	...	European	...	Assistant Collector, Calcutta.
157	Simpson, R	...	ditto	...	177, Lower Circular Road	...	Eurasian	...	Board of Revenue.
158	Sinclair, J	...	Tollygunge	...	Rasapagla Road	...	Nil	...	Broker.
159	Slottier, F	...	Chitpur	...	Nawabpatty Road	...	European	...	Manager, Ashcroft Press.
160	Smith, J	...	Cossipore	...	Cossipore Road	...	ditto	...	Engineer, Cossipore Gun Foundry.
161	Smith, T	...	Intally	...	75, South Road, Intally	...	East Indian	...	Clerk, Government Medical Store.
162	Shallow, A W	...	Ballygunge	...	15, Store Road	...	European	...	Assistant to Mackenzie, Lyall & Co.
163	Short, E	...	Cossipore	...	Cossipore Jheel	...	ditto	...	Merchant.
164	Stewart, T	...	Ekbalpur	...	3, Budge-Budge Road	...	ditto	...	Assistant Engineer, Alipore Jail.
165	Sutherland, T	...	Baniapukur	...	31, Baniapukur Lane	...	ditto	...	Merchant.
166	Thompson, G	...	Intally	...	11, Canal Road	...	ditto	...	Assistant, Thacker, Spink & Co.
167	Thomas, J	...	ditto	...	29, Convent Road	...	ditto	...	Mechanical Engineer.
168	Thomas, O	...	ditto	...	Canal Street	...	ditto	...	Land-holder.
169	Turner, W B	...	Chitpur	...	Straud Bank Road	...	ditto	...	Assistant, Bali Brothers.
V									
170	Valente, E	...	Intally	...	5, Convent Road	...	Eurasian	...	Foreman, Carriage Department, East Indian Railway.
W									
171	Wagstaff, P	...	Alipore	...	Hermitage	...	European	...	Secretary, Agent's Office, East Indian Railway.
172	Ware, T E	...	Intally	...	Goaltollee Road	...	Eurasian	...	Assistant, Surveyor-General's Office.
173	Wornett, T	...	ditto	...	Tangra Road	...	ditto	...	Conservancy Inspector, Intally Ward.
174	Watling, E	...	ditto	...	9, Canal Road	...	ditto	...	Assistant, Board of Revenue.
175	Walker, G W	...	Ballygunge	...	13, Store Road	...	ditto	...	Merchant.
176	Walker, W	...	Chitpur	...	Lockgate Road	...	European	...	School Master, Calcutta Boys' School.
177	Watkins, F A	...	Alipore	...	Army Clothing Agency; or 20, Belvedere Road.	...	ditto	...	Master Tailor, Clothing Agency.
178	Warner, O W	...	Garden Reach	...	Garden Reach Road.	...	ditto	...	Emigration Agent for Trinidad.
179	Walker, F	...	Watgunge	...	25, Garden Reach	...	ditto	...	Inspector, Veterinary Surgeon.
180	Webb, H E	...	Chitpur	...	Gun Foundry Road	...	ditto	...	Engineer.
181	West, C L	...	Alipore	...	Army Clothing Agency	...	ditto	...	Assistant, Army Clothing Agency.
182	Weir, J W	...	Do.	...	Alipore, Jail	...	ditto	...	Superintendent, Jute Mill, Alipore Jail.
183	Whitehead, H Revd.	...	Ballygunge	...	224, Lower Circular Road	...	ditto	...	Principal, Bishop's College.
184	Wight J A	...	Ekbalpur	...	57, Diamond Harbour Road	...	Eurasian	...	Personal Assistant to Inspector-General of Civil Hospitals.
185	Wise, R	...	Baniapukur	...	Hati Bagan Road, South	...	ditto	...	Tanner.
186	Wilson, S.	...	Dum-Dum	...	Dum-Dum Cantonment	...	European	...	Pensioner.
187	Wintgens, G	...	Intally	...	4, Convent Road	...	ditto	...	ditto.
188	Winer, J	...	Ekbalpur	...	47, Komedan Bagan Road	...	Eurasian	...	ditto.
Y									
189	Yule, David	...	Suburban Police, Cal-Garden Reach cutts.	...	European	...	Merchant.	...	

NAMES.	PLACE OF ABODE.		Race.	Quality or business.
	Thana.	Village, road, or street.		
M				
190 Muncharjee Ruttonjee	...	Ekbalpur	...	Engineer, Kiderpore Dockyard
A				
191 Aga, Wasikali	...	Tollygunge, Subarban	...	Land-holder.
192 Ali, Nuckey Mirza	...	Tollygunge, Bengal Police.	Muhammadan...	Pensioner and Land-holder.
193 " Asgar Mirza	...	ditto	...	ditto
194 Ach, Sriram Chandra	...	Habra	Hindu	Trader.
195 Addy, Amulya Dhan	...	Alipore	...	Zamindar.
196 " Rakhal Das	...	ditto	...	ditto.
197 " Girish Chandra	...	Watgunge	...	Merchant.
198 Akhiri, Khettra Mohon	...	Naihati	...	Trader.
B				
199 Banerjee, Abhoy Charan	...	Kalighat	...	School Master.
200 " Akhil Chandra	...	Watgunge	ditto	Clerk.
201 " Akhoy Kumar	...	Tollygunge	...	do.
202 " Abinash Chander	...	Bhawanipur	...	Pleader, High Court.
203 " Abinash Chander	...	Naihati	...	Clerk, Merchant Office.
204 " Annoda Prosad	...	Bhawanipur	...	Pleader, Munsif's Court.
205 " Angkur Nath	...	Baduria	...	Service.
206 " Ashu Tosh	...	Baliaghatta	...	Broker.
207 " Ashoo Tosh	...	Bhawanipur	...	Clerk, Small Cause Court, Sealdah.
208 " Ashoo Tosh	...	Tollygunge, Bengal Police.	...	Zamindar.
209 " Atul Kisen	...	Baranagore	...	Private School Master.
210 " Basauto Coomer	...	Manicktolla	...	Clerk, Comptroller-General's Office.
211 " Bhuban Mohun	...	Bhawanipur	...	Pleader, Small Court.
212 " Biprodas	...	Nil	...	Pleader, Judge's Court.
213 " Binode Behari	...	Watgunge	...	Store-keeper, Public Works Department.
214 " Bhedho Bhusan	...	Bhawanipur	...	Pleader, Judge's Court.
215 " Bama Charan	...	Baruipur	...	Government Pensioner.
216 " Brojo Mohun	...	Baduria	...	Land-holder.
217 " Chundi Charan	...	Bhawanipur	...	Muharrir, Alipore Munsif's Court.
218 " Chunder Phusan	...	ditto	...	Pleader, Judge's Court.
219 " Chunder Nath	...	ditto	...	Zamindar.
220 " Chander Coomar	...	Joynagar	...	Land-holder.
221 " Dwerika Nath	...	Tollygunge	...	Clerk, Municipal Office.

222	"	Gopal Chander	...	ditto, Police.	Bengal	Moheshtolla	...	ditto	...	Clerk and Zamindar.
223	"	Gopal Chander	...	ditto	...	Shahanagar	...	ditto	...	Merchant.
224	"	Gopal Chander	...	Barasat	...	Nulcoorah	...	ditto	...	Clerk in the office of the Inspector-General of Police.
225	"	Girish Chander	...	Tollygunge	...	Moheshtolla	...	ditto	...	Zamindar.
226	"	Hara Lal	...	ditto	...	Barisa	...	ditto	...	Pleader, Judge's Court.
227	"	Haran Chander	...	Baliaghata	...	Shusteetolla Road	...	ditto	...	do., High Court.
228	"	Hem Chander	...	Naihati	...	Bhatpara	...	ditto	...	Clerk, Bengal Secretariat.
229	"	Horo Lal	...	ditto	...	Halishahar	...	ditto	...	Zamindar.
230	"	Hari Charan	...	ditto	...	Naihati	...	ditto	...	Teacher, Naihati School.
231	"	Hari Charan	...	ditto	...	Bhatpara	...	ditto	...	Pleader, Barasat Court.
232	"	Hari Mohun	...	Chitpur	...	Paikpara	...	ditto	...	Clerk, Army Clothing.
233	"	Hari Puddo, B.A.	...	Baranagore	...	Baranagore	...	ditto	...	Teacher, Baranagore School.
234	"	Hari Dhone	...	Tollygunge, Police.	Bengal	Barisa	...	ditto	...	Teacher.
235	"	Hura Lal	...	Bhawanipur	...	11, Roop Chand Mukherji's Lane	...	ditto	...	Landlord.
236	"	Ishan Chander	...	ditto	...	Bakul Baban Lane	...	ditto	...	Superintendent, Huro Prosad's Choudhry estate.
237	"	Ishan Chander	...	ditto	...	22, Padmapukur Road	...	ditto	...	Clerk.
238	"	Jadu Nath	...	ditto	...	Kader Nath Bose's Lane	...	ditto	...	do., East Indian Railway.
239	"	Jadu Nath	...	Garden Reach	...	Futtehpor Road	...	ditto	...	Watch and cloth dealer.
240	"	Johar Lal	...	Waingunge	...	Ram Kamul Mukherjee's Street	...	ditto	...	Independent.
241	"	Jodu Nath	...	Bhawanipur	...	46, Nakuleswar Tollah Lane	...	ditto	...	Clerk, Small Cause Court.
242	"	Jodu Nath	...	Baraset	...	Barasat	...	ditto	...	Pleader, Munsif's Court, Barasat.
243	"	Jodu Nath	...	Bhawanipur	...	Kansaripara Road	...	ditto	...	Lawyer.
244	"	Jagut Chander	...	Baliaghata	...	Bahir Mirjapur Road	...	ditto	...	Independent.
245	"	Jogendra Nath	...	Bhawanipur	...	Rassa Road	...	ditto	...	Teacher.
246	"	Jogendra Nath	...	ditto	...	148, Kalighat Road	...	ditto	...	Lawyer.
247	"	Jogendra Nath	...	Tollygunge, Police.	Bengal	Moheshtolla	...	ditto	...	Pleader, Judge's Court.
248	"	Jogendra Nath	...	Nil	...	Chetla	...	ditto	...	ditto.
249	"	Jogendra Nath	...	Bhawanipur	...	38, Haldarpara Road	...	ditto	...	Does no work.
250	"	Jogendra Nath	...	Baranagore	...	Belgharia	...	ditto	...	Clerk, Merchant's Office.
251	"	Kali Dhon	...	Sadar	...	Barisa	...	ditto	...	Pleader, Judge's Court.
252	"	Kali Charan	...	do.	...	Behala	...	ditto	...	Assistant in the Office of Public Work Accounts Department.
253	"	Kali Nath	...	Baliaghata	...	7, Pitamber Bhattacharjee's Lane, Gurper	...	ditto	...	Clerk.
254	"	Kali Poddoo	...	Barrackpore	...	Manirampur	...	ditto	...	School Master, Barrackpore.
255	"	Kali Prosunno	...	Waingunge	...	Padmapukur Square	...	ditto	...	Clerk.
256	"	Kali Prosunno	...	Bhawanipur	...	35, Boloram Bose's Ghat Road	...	ditto	...	Editor and Journalist.
257	"	Kali Prosunno	...	Ekbalpur	...	Koylasarak Lane	...	ditto	...	Building Contractor.
258	"	Kasindra Nath	...	Basirhat	...	Basirhat	...	ditto	...	Clerk, Local Board.
259	"	Kader Nath	...	Sonarpur	...	Rajpur	...	ditto	...	ditto.
260	"	Kader Nath	...	Bhawanipur	...	Kader Bose's Lane	...	ditto	...	Clerk, Railway Office.
261	"	Kader Nath	...	Naihati	...	Mukherjeepara, Halishahar	...	ditto	...	Zamindar and Municipal Commissioner.
262	"	Kader Nath	...	Sonarpur	...	5, Surj Kumar Chatterjee's Lane	...	ditto	...	Clerk, Public Works Department, Bengal.

PLACES OF ABODE.		Race.	Quality or business.
Thanna.	Village, road, or street.		
B.			
263	Banerjee, Kader Nath, M.A.	...	Pleader, Judge's Court.
264	" Kader Nath	...	Municipal Commissioner.
265	" Kader Nath	...	Pleader, Munsif's Court.
266	" Kamini Coomer	...	Clerk.
267	" Kader Nath	...	School Master.
268	" Khetter Mohan	...	Professor.
269	" Khetter Mohan	...	Land-holder.
270	" Kishori Mohan	...	ditto.
271	" Kishori Mohan	...	Lawyer.
272	" Kolebar	...	Clerk, Railway Office.
273	" Kuber Coomer	...	Poddar.
274	" Kali Coomer	...	Pensioner.
275	" Mahadeb	...	Pleader, Judge's Court.
276	" Mohendra Nath	...	Clerk.
277	" Mohendra Nath	...	Clerk, E. B. S. Railway.
278	" Manmotho Nath	...	Accountant, Munsif's Court, Diamond Harbour.
279	" Naran Chunder	...	Tradesman.
280	" Nebaran Chander	...	Cashier.
281	" Nilmoni	...	Land-holder.
282	" Nundo Lall	...	Clerk, L. M. Bank.
283	" Nundo Lall	...	Clerk.
284	" Nundo Lall	...	Pleader, Judge's Court.
285	" Nursing	...	Contractor.
286	" Obhoy Charan	...	Pundit.
287	" Poorua Chander	...	Clerk, High Court.
288	" Preo Nath	...	Clerk, Commissioner's Office.
289	" Preo Nath	...	Clerk, Port Commissioners' Office.
290	" Preo Nath	...	Land-holder.
291	" Prosunno Coomer	...	Zamindar.
292	" Prosunno Coomer	...	Clerk, P. W. Account's Office, Calcutta.
293	" Prosunno Coomer	...	Pleader, Judge's Court.
294	" Punchanon	...	Clerk.
295	" Punchanon	...	ditto.
296	" Purno Chunder	...	ditto.
297	" Radha Roman	...	Clerk, Port Commissioners' Office.
298	" Rajkumar	...	Land-holder.
299	" Rajendra Nath	...	Clerk.
300	" Rajendra Nath	...	Muktear.

301	Rakhal Chandra	...	Tollygunge	...	Rassa Road, Monoharpukur	...	ditto	...	Clerk.
302	Ram Chander	...	Naihati	...	Kantalpara	...	ditto	...	Teacher, Branch School, Hooghly.
303	Ram Gopal	...	Bhawanipur	...	11, Bakul Bagan 1st Lane	...	ditto	...	Clerk.
304	Rama Nath	...	Garden Reach	...	Paharpur Road	...	ditto	...	Land-holder.
305	Ramtaran	...	Ballygunge	...	Beltolla	...	ditto	...	Pleader, Judge's Court.
306	Rasie Lal	...	Barasat	...	Barasat	...	ditto	...	Pleader, Munsif's Court, Barasat.
307	Sarat Chandra	...	Watgunge	...	Padmapukur Square	...	ditto	...	Merchant and money-lender.
308	Sarat Chandra	...	Baliaghatta	...	Sasntetolla	...	ditto	...	Pleader, High Court.
309	Syama Charan	...	Joynagar	...	Joynagar	...	ditto	...	Pleader, Munsif's Court, Diamond Harbour.
310	Sarat Chandra	...	Bhawanipur	...	11, Rupchand Mukerjee's Lane	...	ditto	...	Broker.
311	Sarat Chunder	...	ditto	...	Kalighat Road	...	ditto	...	Land-lord.
312	Saradaprasad	...	ditto	...	Tollygunge Road	...	ditto	...	Maharir, Sub-Judge's Court.
313	Saradaprasad	...	ditto	...	11, Kedar Bose's Lane	...	ditto	...	Landlord.
314	Sita Nath	...	Barasat	...	Prasadpur	...	ditto	...	Pleader, Munsif's Court, Barasat.
315	Shib Krista	...	Nawabgunge	...	Khurda	...	ditto	...	Municipal Commissioner and Sub-Registrar, Khurda.
316	Surendra Nath, Jr.	...	Barackpore	...	Monirampur	...	ditto	...	Zaminder.
317	Sita Nath	...	Baduria	...	Radapore, now at Barasat	...	ditto	...	Pleader, Barasat Munsif's Court.
318	Shashi Bhushan	...	Tollygunge, Police.	Bengal	Barisa	...	ditto	...	Independent.
319	Shashi Bhushan	...	Bhawanipur	...	Chukerheria	...	ditto	...	Pleader, Judge's Court.
320	Saib Prasanua	...	Tollygunge, Police.	Bengal	Moheshtolla	...	ditto	...	Zaminder.
321	Syama Charan	...	Bhawanipur	...	47, Nakuleswartalah Lane	...	ditto	...	Translator, High Court.
322	Syama Charan	...	Joynagar	...	Joynagar	...	ditto	...	Pleader, Diamond Harbour Munsif's Court.
323	Srish Chunder	...	Bhawanipur	...	Gopal Banerjee's Street	...	ditto	...	Independent.
324	Sunut Kumer	...	Watgunge	...	Watgunge Street	...	ditto	...	Clerk.
325	Sarat Chander	...	Barasat	...	Barasat	...	ditto	...	Land-holder.
326	Surjee Kumar	...	Tollygunge, Police.	Bengal	Moheshtolla	...	ditto	...	Clerk.
327	Surjee Kumar	...	Bhawanipur	...	Chandra Nath Chatterjee's Lane	...	ditto	...	Pensioner.
328	Thacoor Dass	...	Baranagore	...	Belghuria	...	ditto	...	Clerk, Merchant's Office.
329	Trailakya Nath	...	Basirhat	...	Harishpur	...	ditto	...	Zaminder.
330	Trailakya Nath	...	Barasat	...	Bamunmoorah	...	ditto	...	Clerk, Revenue Board.
331	Upendra Nath	...	Ballygunge	...	Beltolla	...	ditto	...	Pleader, Judge's Court.
332	Upendra Krishna	...	Bhawanipur	...	11, Kedar Bose's Lane	...	ditto	...	Editor.
333	Hem Chander, B.L.	...	Watgunge	...	1, Padmapukur Square	...	ditto	...	Government Pleader, High Court.
334	Monmohan, M.A.	...	ditto	...	8, Gangadhar Banerjee's Lane	...	ditto	...	Zaminder.
335	Wooma Charan	...	Barasat	...	Hridoypur	...	ditto	...	Sub-Overseer.
336	Bapuli, Woomesh Chander	...	Mathurapur	...	Mathurapur	...	ditto	...	Land-owner.
337	Kamini	...	ditto	...	ditto	...	ditto	...	ditto.
338	Bagchi, Nilmani	...	Baranagore	...	Alumbazar	...	ditto	...	Clerk and Store-keeper, Jute Mill.
339	Bhanja, Upendra Nath	...	Joynagar	...	Boree	...	ditto	...	Pleader, Judge's Court.
340	Bhaduri, Bhut Nath, n.A.	...	Baranagore	...	Bon Hooghly	...	ditto	...	School Master.
341	" Shib Chandra	...	Cossipore	...	Radhamahan Day's Lane	...	ditto	...	Clerk, Merchant's Office.
342	Bhattacharjee, Barada Kanta	...	Bhawanipur	...	4, Kalighat Road	...	ditto	...	Pundit, City College.

NAME	PLACE OF ABODE.		Race.	Quality of business.
	Thana.	Village, road, or street.		
343	Bhattacharjee, Bhagabati Charan.	Bhawanipur ... Nepal Bhattacharjee's Lane, Kalighat	Hindu	... Pleader, Judge's Court.
344	" Bhoot Nath ...	Tollygunge, Bengal Barisa	ditto	... Pandit.
345	" Chandra Kumar, B.A., B.L.	Joynagar ... Mazilpur	ditto	... Pleader, Diamond Harbour Munsif's Court.
346	" Chandra Kumar.	Naihati ... Kantalpara	ditto	... Trader.
347	" Ghonessam ...	ditto	ditto	... Clerk, Bengal Secretariat.
348	" Gopal Chander	Baduria	ditto	... Land-holder.
349	" Gopal Chander	Naihati	ditto	... Independent.
350	" Gunga Charan	Baduria	ditto	... School Master.
351	" Harro Chunder	Baliaghatta	ditto	... Pleader, High Court.
352	" Jodoo Nath ...	Sonarpur	ditto	... Clerk, ditto.
353	" Janoki Nath ...	Hasnabad	ditto	... Professor.
354	" Jagodish ...	Sonarpur	ditto	... Clerk, Railway Department.
355	" Kaidas ...	Barasat	ditto	... Land-holder.
356	" Kailas Chunder	Tollygunge, Bengal Police.	ditto	... School Pandit.
357	" Kailash Chunder.	Baduria	ditto	... Clerk, High Court.
358	" Kedar Nath ...	Intally	ditto	... Record-keeper, Collector's Office, Calcutta.
359	" Mohendra Nath	Tollygunge, Bengal Police.	ditto	... Clerk.
360	" Madhub Chunder.	Naihati ... Choudhuripara, Halishahur	ditto	... Land-holder.
361	" Nundo Lall ...	Barasat	ditto	... ditto.
362	" Pryanath ...	Sonarpur	ditto	... Pleader, Judge's Court.
363	" Purna Chandra	Naihati	ditto	... Land-holder.
364	" Raj Kumar ...	Sonarpur	ditto	... Civil Court Amin.
365	" Raj Kumar ...	Tollygunge, Bengal Police.	ditto	... Clerk.
366	" Rajani Kanto	ditto	ditto	... Assistant Assessor, Calcutta Municipal Office.
367	" Ram Gopal ...	Naihati	ditto	... Land-holder.
368	" Mahadeb ...	ditto	ditto	... Independent Gentleman.
369	" Madhub Chunder.	Barasat	ditto	... Muktear, Barasat.
370	" Ram Sarbassa Nibaran	Sonarpur	ditto	... Pandit.
371	" Chunder.	Naihati	ditto	... Teacher.

372	"	Nundo Lal	Barasat	Badu	...	ditto	Land-holder.
373	"	Nokuleswar	Tollygunge	Monoharpukur	...	ditto	Income-tax Assessor.
374	"	Promotha	Naihati	Authpur	...	ditto	Graduate.
375	"	Nath, B.A.	ditto	Kuntalpara	...	ditto	Teacher, Bhatpara School.
376	"	Shama Charan	Bhawanipur	Bollaram Bose's Ghat Road	...	ditto	Clerk, Income-tax Department.
377	"	Shib Chander	Naihati	Naihati	...	ditto	Teacher.
378	"	Shashee	Watgunge	Ramcomal Mookerjee's Street	...	ditto	Clerk.
379	"	Bhushan.	Naihati	Naihati	...	ditto	Teacher, Hooghly College.
380	"	Sreeburso	ditto	Bhatpara	...	ditto	Land-holder.
381	"	Ramanuj	ditto	Kantalpara	...	ditto	Chukdar.
382	"	Risikesh	Sonarpur	Chingripotta	...	ditto	Municipal Commissioner.
383	"	Upendra	Naihati	Bhatpara	...	ditto	Pleader.
384	"	Kumar.	Bhawanipur	68, Padmapukur Road	...	ditto	Tradesman.
385	"	Woomesh	Chitpur	Cossipore Road	...	ditto	Muktear, High Court.
386	"	Chunder.	Bhawanipur	4, Gopal Banerjee's Street	...	ditto	Clerk.
387	Bhakti, Jiban Krista		Cossipore	Rutton Babu's Road	...	ditto	Merchant.
388	Bhowmik, Durga Charan		Manicktolla	10-2, Badrinath Das Temple Lane	...	ditto	Land-owner.
389	Bhur, Akhoy Kumar		Debipur	Panchloki	...	ditto	Clerk, Bengal Secretariat.
390	"	Surja Coomer	Ballygunge	33, Pearabagan Road	...	ditto	Florist.
391	Bindoo, Jiban Krista		Ballyghatta	Biswas Nursery Lane	...	ditto	Clerk, Comptroller-General's Office.
392	"	Apoorba Chunder	ditto	22, Jagannath Dutt's Lane, Garpur	...	ditto	Clerk, Port Commissioners' Office.
393	"	Bama Bharan	Intally	18, Sambhoo Babu's Lane	...	ditto	Muktear, High Court.
394	"	Brajanath	Alipore	Chetla	...	ditto	Pensioner.
395	"	Durga Dass	Ballygunge	106, Kuryal	...	ditto	Clerk, Messrs. Whitney Brothers and Co., Calcutta.
396	"	Grish Chandra	Intally	9, Sambhoo Babu's Lane	...	ditto	Merchant and Land-holder.
397	"	Hiralal	Ballyghatta	Soorah	...	ditto	Clerk.
398	"	Jadab Chandra	Intally	Hazrabagan Lane	...	ditto	"
399	"	Kader Nath	Ballygunge	119, Kuriah Road	...	ditto	Florist.
400	"	Kailash Chandra	Ballyghatta	Soorah	...	ditto	Clerk, Surveyor-General's Office.
401	"	Manendra Nath	Ballygunge	106, Kuria Road	...	ditto	Teacher.
402	"	Monmatha Nath	Watgunge	Gopal Ghose's Lane	...	ditto	Pleader, Munsif's Court.
403	"	Nakoor Chandra	Alipore	Chetla	...	ditto	Clerk.
404	"	Poresh Ram	Bhawanipur	6, Padmapukur	...	ditto	Teacher.
405	"	Pran Nath	Watgunge	Gopal Ghose's Lane	...	ditto	Broker.
406	"	Suresh Chandra	Cossipore	Chasadhobapara Road	...	ditto	Assistant, Godown Sircar.
407	"	Tarini Charan	Intally	3, Sambhoo Babu's Lane	...	ditto	Clerk.
408	"	Utkoor Coomar	Watgunge	Gopal Kristo Ghose's Lane	...	ditto	Shop-keeper.
409	"	Upendra Nath	Alipore	Myerpore	...	ditto	Independent.
410	Bose, Abinash Chander		Barasat	Maheswarpur	...	ditto	Clerk, Merchant's Office.
411	"	Amrita Lal	Ballyghatta	Kali Tara Bose's Lane	...	ditto	
	"	Apurba Coomar			...		

NAME.	PLACE OF ABODE.		RACE.	QUALITY OR BUSINESS.
	Thana.	Village, road, or street.		
B. Bose, Ashutosh	Bhawanipur	17, Chakraberia Lane	Hindu	Sub-Agent, Merchant's Office.
412 " Ashutosh	ditto	Padmapukur	ditto	Pleader, Judge's Court.
413 " Atul Krista	Cossipore	Ruttan Roy's Road	ditto	Clerk, High Court, Appellate Jurisdiction.
414 " Attolla Krishna	Bhawanipur	Chandra Nath Chatterjee's Street	ditto	Vakil, High Court.
415 " Bama Churn	Bhawanipur	40, Chaulputty Road	ditto	Clerk, Agra Bank.
416 " Basanta Kumar	ditto	Chander Nath Chatterjee's Street	ditto	Pleader, High Court.
417 " Bejoy Krista, B.A.	Watgunge	Sastitolla Road	ditto	Teacher.
418 " Benoy Krista	Bhawanipur	Padmapukur Road	ditto	District Engineer, 24-Parganas.
419 " Bidhu Bhusan	Diamond Harbour	Kamarpole	ditto	Clerk, Sub-Registry Office, Magrahat.
420 " Benad Behari	Basirhat	Dandarhat	ditto	Zamindar and Pleader.
421 " Biswa Nath	Bhawanipur	Kalidas Patlidanda's Lane, Kalighat	ditto	Pleader, Judge's Court.
422 " Boikuntha Nath	Kulpi	Kantaberia	ditto	School Master.
423 " Brojomohan	Bhawanipur	39, Peepulputti Lane	Christian	Land-holder.
424 " Chunder Coomar	Debipur	Pakurtolla	Hindu	ditto.
425 " Charu Chander	Bhawanipur	7, Govinda Prasad Bose's Lane	ditto	Clerk, Merchant's Office.
426 " Charu Chandra	Naihati	Kantalpara	ditto	Clerk.
427 " Devendra Nath	Baduria	Arbalia	ditto	Zamindar.
428 " Durgapada	Alipore	Shahapur	ditto	Pensioner.
429 " Durgananda	Bhawanipur	22, Ram Mohan Dutt's Lane	ditto	Godown-keeper.
430 " Dwarika Nath	Harwa	Salipur	ditto	Gantidar.
431 " Goverdhan	Bhawanipur	Jellipara Road	ditto	Pleader, Judge's Court.
432 " Ganoda Prosad	ditto	Balaram Bose's Lane	ditto	Zamindar.
433 " Grish Chandra	Bankipore	Mirjapur	ditto	Rural Sub-Registrar.
434 " Grish Chunder	Bhawanipur	Chowpatty Road	ditto	Pleader, Judge's Court.
435 " Grish Chunder	Alipore	Chetla	ditto	ditto.
436 " Gopal Chandra	Baruipur	Dhapdhapi	ditto	Pensioner.
437 " Gopal Chander	Baliaghatta	13, Garpar Road	ditto	Teacher.
438 " Gopal Chander	Bhawanipur	20, Bocoobagan Road	ditto	Clerk, Municipal Commissioner, South Suburban Municipality.
439 " Gopal Chandra	ditto	3, Beltolla Road	ditto	Clerk.
440 " Gope Mohan	Garden Reach	Circular Garden Reach Road	ditto	Contractor.
441 " Gnanendra Nath	Bhawanipur	Roop Chand Mukherjee's Lane	ditto	Pleader, Judge's Court.
442 " Haran Chandra	Bankipore	Benipur	ditto	Land-holder.
443 " Hari Charan	Bhawanipur	40, Jallipara Road	ditto	Clerk, Private Company.
444 " Haridass	Naihati	Baruipara, Halishahar	ditto	Clerk, Ernsthausen and Company, Calcutta.
445 " Haripadda	Cossipore	Ram Ratan Roy's Road	ditto	Naib and Muktear, Nara estate.
446 " Hiranba Chandra	Intally	3, Dehi, Intally	ditto	Clerk, Ernsthausen and Company.
447 " Hurobilas	Bhawanipur	Chaulputty Road	ditto	Muktear.
448 " Ganendra Nath	Watgunge	Padmapukur Street	ditto	Clerk, Government servant.
449 " Jogendra Nath, B.A., B.L.	Baranagore	Kootighatta	ditto	Pleader, High Court.
450 " Jadoo Nath	Bistupur	Amtola	ditto	Pensioner.
451 " Joges Chunder	Hasnabad	Takee	ditto	Pleader, Satkhira Munsiff's Court.
452 " " "	...	...	...	...

453	Jogendra Nath	Bankipore	...	Usti	...	ditto	...	Land-owner.
454	Jogadish Chunder	Bhawanipur	...	Kalidas Patetundo's Lane	...	ditto	...	Pleader, Judge's Court.
455	Jogendro Nath	Naihati	...	Kona	...	ditto	...	Land-holder.
456	Jogendro Nath, B.L.	Baduria	...	Taragonia	...	ditto	...	Pleader, High Court.
457	Janaki Nath	Intally	...	15, Palmer Bazar Road	...	ditto	...	Muktear, Sealdah Police Court.
458	Kali Kumar	Bengal Police, Tolly- gunge.	...	Meherpur	...	ditto	...	Zamindar.
459	Kali Nath	Baduria	...	Arbalia (now at Calcutta)	...	ditto	...	Cashier of late Raja Degumber's estate, Calcutta.
460	Kamini Mohan	Bhawanipur	...	5, Chander Nath Chatterjee's Street	...	ditto	...	Clerk.
461	Khagendra Nath	Bhawanipur	...	56, Chaulpatty Road	...	ditto	...	Clerk, Bengal Secretariat Office, Judicial De- partment.
462	Keder Nath	ditto	...	61, Rassa Road	...	ditto	...	Clerk, High Court.
463	Kaylash Chunder	Chitpur	...	Madhu Sudan Chatterjee's Lane	...	ditto	...	do., Government Telegraph Office.
464	Kritanta Coomar	Bhawanipur	...	Chander Nath Chatterjee's Street	...	ditto	...	Vakil, High Court.
465	Krista Chunder	Baliaghatta	...	Churukdanga Road	...	ditto	...	Clerk, Merchant's office.
466	Kunja Behari	Sadar	...	Tollygunge	...	ditto	...	Manager of the Mundal's estate.
467	Kunja Behari	Harwa	...	Salipur	...	ditto	...	School Master.
468	Lalit Kristo	Baliaghatta	...	Garpar	...	ditto	...	Land-holder.
469	Makhan Lal	Dum-Dum	...	Patipukur	...	ditto	...	Trader.
470	Madhub Chander	Naihati	...	Naihati	...	ditto	...	Clerk, East Indian Railway, Calcutta.
471	Manindra Nath	Bhawanipur	...	Rassa Road	...	ditto	...	Pleader, Judge's Court.
472	Mahendra Nath	Basirhat	...	Nulkora	...	ditto	...	ditto, Munsif's Court.
473	Mahendra Nath	Joy Nagar	...	Baharcho	...	ditto	...	Zamindar.
474	Mahendra Nath	Baduria	...	Belgharia	...	ditto	...	ditto.
475	Mahit Chandra, M.A., B.L.	Baranagore	...	Kootighata	...	ditto	...	Vakil, High Court.
476	Mohendra Nath	Baliaghatta	...	Churukdanga Road	...	ditto	...	Land-holder.
477	Mon Mohan	Barasat	...	Jagoolia	...	ditto	...	ditto.
478	Naran Chunder	Naihati	...	Kona	...	ditto	...	Zamindar.
479	Nitta Gopal	Kulpi	...	Ghateswara	...	ditto	...	Head Master, Ghateswara School.
480	Nanda Lal	Naihati	...	Kona	...	ditto	...	Land-holder.
481	Nagendra Nath	Bhawanipur	...	8, Koondoo's Lane	...	ditto	...	Clerk, Inspector-General's Office.
482	Nagendra Lal	Alipore	...	Dwarik Ghose's Lane, Chetla	...	ditto	...	Pleader, Judge's Court.
483	Nagendra Nath	Baduria	...	Arbelia	...	ditto	...	Zamindar.
484	Navin Chunder	Nawabgunge	...	Garulia	...	ditto	...	Pensioner and Municipal Commissioner.
485	Nervode Behari	Basirhat	...	Dandirhat	...	ditto	...	Lawyer.
486	Norendra Chandra, B.A.	Bhawanipur	...	59, Padmapukur	...	ditto	...	Land-holder.
487	Nuffer Chunder alias Nagendra Chandra.	Intally	...	13a, Palmer Bazar Road	...	ditto	...	Clerk.
488	Nuffer Chander	Watunge	...	Monshatolla	...	ditto	...	Contractor.
489	Okhoy Coomar	Baliaghatta	...	Kalitara Bose's Lane	...	ditto	...	Clerk, East Indian Railway.
490	Okhoy Coomar	ditto	...	Garpar	...	ditto	...	Tradesman.
491	Okhoy Coomar	Nil	...	Nil	...	ditto	...	Pleader, Judge's Court.
492	Peary Mohan	Baliaghatta	...	9, Jagannath Dutt's Lane, Gurnur	...	ditto	...	Pensioner.
493	Preonath	Intally	...	2, Palmer Bazar Road	...	ditto	...	Zamindar.
494	Protap Chandra	Diamond Harbour	...	Baroda	...	ditto	...	Land-owner.

NAME	PLACE OF ABODE.		Race.	Quality or business.
	Thana.	Village, road, or street.		
B				
495	Bose Panchanan	Bankipore	Hindu	Land-owner.
496	" Radhica Prasad	Diamond Harbour	ditto	Pleader, Diamond Harbour Munsif's Court.
497	" Rakhal Dass	Alipore	ditto	Clerk, Collectorate, 24-Parganas.
498	" Rajendra Koomer	Hasnabad	ditto	Zamindar.
499	" Rajendra Koomer	Manicktalla	ditto	Clerk.
500	" Ram Chandra	Naihati	ditto	Teacher, Free Church Institution, Chinsura.
501	" Ram Lal	ditto	ditto	Zamindar.
502	" Ramanath	Intally	ditto	Clerk.
503	" Syama Charan	Alipore	ditto	Merchant.
504	" Shashee Bhusan	Bhawanipur	ditto	Bench Clerk, High Court.
505	" Sashu Bhusan	Intally	ditto	Proprietor, Soorkee Mill.
506	" Siddeswar	Naihati	ditto	Accountant.
507	" Syama Charan	Joynagar	ditto	Pleader.
508	" Syama Charan	Baliaghatta	ditto	Trader.
509	" Shama Charan	Bhawanipur	ditto	Teacher.
510	" Shib Chandra	Baduria	ditto	Zamindar.
511	" Sharada Prasad	Bengal Police, Tolly- gunge.	ditto	Clerk, E. B. Railway.
512	" Shashee Bhusan	Basirhat	ditto	Merchant.
513	" Surjee Coomer	ditto	ditto	Zamindar.
514	" Suresh Chander	Bhawanipur	ditto	Pleader, Judge's Court.
515	" Surendra Chander, B.A.	ditto	ditto	Land-holder.
516	" Sarat Chander	Naihati	ditto	Overseer.
517	" Satish Chander	ditto	ditto	Clerk, Merchant's Office.
518	" Taran Chandra	ditto	ditto	Teacher, Branch Metropolitan Institution, Calcutta, and Municipal Commissioner.
519	" Umes Chandra	Bhawanipur	ditto	Muharrir, Munsif's Court, Alipore.
520	" Upendra Mohan	Garden Reach	ditto	Land-holder.
521	" Upendra Nath	Basirhat	ditto	Government servant.
522	" Upendra Nath	Bhawanipur	ditto	Pleader, High Court.
523	" Upendra Nath	ditto	ditto	Clerk, Bengal Secretariat.
524	" Woomesh Chandra	Alipore	ditto	Pensioner.
525	" Wooma Charan	Kulpi	ditto	Land-owner.
526	" Wooma Charan	do.	ditto	Land-holder.
527	" Wooma Charan	Tollygunge	ditto	Mukhtar.
528	" Brohmo, Kalicharan	Baniapukur	ditto	Clerk.
529	" Upendra Nath	Alipore	ditto	Pleader.
530	" Burman, Akshoy Chander	Garden Reach	ditto	Clerk, Government Dockyard.
531	" Kedar Nath	Diamond Harbour	ditto	Naib.
532	" Basak, Benimadhab	Dum-Dum	ditto	Proprietor of Sangbad Ratnakar Press.
533	" Baidai, Modhusudan	Naihati	ditto	Teacher, Naihati School.

534	"	Madhub Chandra	...	ditto	...	ditto	...	Independent Gentleman.
535	Baidie,	Nibaran. Jr.	...	ditto	...	ditto	...	Sub-Editor, <i>Education Gazette</i> .
536	"	Nil Madhab	...	ditto	...	ditto	...	Independent Gentleman.
537	"	Shib Chander	...	ditto	...	ditto	...	Teacher, Connaghur School.
538	Chatterjee,	Abhoy Charun	...	Tollygunge	...	ditto	...	Head Master, Kalighat School.
539	"	Aghore Nath	...	Naihati	...	ditto	...	Independent.
540	"	Arabin Dukha	...	Bhowanipur	...	ditto	...	Muharrir, Munsif's Court, Alipore.
541	"	Ashootosh	...	Chitpur	...	ditto	...	Clerk, Strand Bank Press.
542	"	Ashutosh	...	Naihati	...	ditto	...	Treasurer, 24-Parganas Collectorate.
543	"	Abinash Chunder	...	Dum-Dum	...	ditto	...	Land-holder.
544	"	Amar Nath	...	Naihati	...	ditto	...	Clerk, Government Office.
545	"	Ashootosh	...	Basirhat	...	ditto	...	Peshkar, Basirhat Munsif's Court.
546	"	Akhay Coomer	...	Chitpur	...	ditto	...	Land-holder, Clerk, Comptroller of Post Office.
547	"	Baikantha Nath	...	do.	...	ditto	...	Clerk, Merchant's office.
548	"	Bama Charan	...	Nawabgunge	...	ditto	...	Clerk and Municipal Commissioner.
549	"	Benimadhab	...	Khada	...	ditto	...	Formerly an Overseer in Government employ.
550	"	Bhagabati Charan	...	Watgunge	...	ditto	...	Clerk, East Indian Railway Office.
551	"	Bogola Charan	...	ditto	...	ditto	...	Clerk, Merchant's office.
552	"	Bhagabati Charan	...	Baranagore	...	ditto	...	ditto.
553	"	Bhobo Nath	...	Khada	...	ditto	...	Pleader, Judge's Court.
554	"	Bhola Nath	...	Bhawanipur	...	ditto	...	Muktear, Magistrate's Court, Alipore.
555	"	Bhuban-Mohon	...	Alipore	...	ditto	...	Naib, Talukdar.
556	"	Bhoot Nath	...	Joy nagar	...	ditto	...	Pleader, Baruipur Munsif's Court.
557	"	Bhut Nath, B.A.,	...	Baruipur	...	ditto	...	
		B.L.						
558	"	Bistu Charan	...	Chitpur	...	ditto	...	Clerk, Jardine, Skinner & Co.
559	"	Bonomali	...	Bhawanipur	...	ditto	...	Pleader, Judge's Court.
560	"	Borada Charan	...	Watgunge	...	ditto	...	Clerk.
561	"	Bussanta Coomar	...	ditto	...	ditto	...	ditto.
562	"	Chandra Nath	...	Bhawanipur	...	ditto	...	Clerk, Military Department.
563	"	Chander Nath	...	ditto	...	ditto	...	Contractor.
564	"	Chandra Nath	...	Nawabganj	...	ditto	...	Municipal Chairman.
565	"	Chinta Moni	...	Tollygunge, Police.	Bengal	ditto	...	Pleader, Judge's Court.
566	"	Deo Nath	...	Bhawanipur	...	ditto	...	Clerk.
567	"	Dinendra Nath	...	Baliaghatta	...	ditto	...	Rice Merchant.
568	"	Dhurma Dass	...	Alipore	...	ditto	...	Pleader, Munsif's Court.
569	"	Devendra Nath	...	Dum-Dum	...	ditto	...	Clerk, Merchant's office.
570	"	Gopal Chander	...	Baniapukur	...	ditto	...	Civil Engineer.
571	"	Gopal Chander	...	Cossipore	...	ditto	...	Clerk, High Court.
572	"	Gopal Chander	...	Naihati	...	ditto	...	Hooghly College.
573	"	Gopal Chander	...	Baliaghatta	...	ditto	...	Clerk, Eastern Bengal State Railway.
574	"	Haran Chandra	...	Diamond Harbour	...	ditto	...	Excise Sub-Inspector.
574A	"	Haran Chandra	...	Bhawanipur	...	ditto	...	Clerk, Government Office.
575	"	Haran Chandra	...	Baranagore	...	ditto	...	Tradesman.

NAMES.	PLACE OF ABODE.		Race.	Quality or business.
	Thana	Village, road, or street.		
576	Chatterjee, Haran Chandra, B.A., B.L.	Baranipur	Hindu	Pleader.
577	" Hari Dass	Bhawanipur	ditto	Sheristadar, Munsif's Court, Alipore.
578	" Hari Das	ditto	ditto	Storekeeper, Zoological Garden.
579	" Hari Pudda	Naihati	ditto	Pleader, Judge's Court, Barasat.
580	" Hera Lal	Bhawanipur	ditto	Clerk.
581	" Hem Chandra	Naihati	ditto	Pleader, Judge's Court, Hooghly.
582	" Jadu Madhab	Barasat	ditto	Land-holder.
583	" Jadoo Nath	Naihati	ditto	Trader.
584	" Jadu Nath	Bhawanipur	ditto	Clerk.
585	" Jogendra Nath	Chitpur	ditto	Clerk, Eastern Bengal State Railway.
586	" Joy Kissen	Baranagore	ditto	Tradesman.
587	" Jogendra Nath	Baduria	ditto	Zamindar.
588	" Jogesh Chandra	Basirhat	ditto	Lawyer.
589	" Kedar Nath	Tollygunge	ditto	Clerk.
590	" Kedar Nath	Sadar	ditto	Clerk, Collector's Office.
591	" Kali Kissen	Bhawanipur	ditto	Clerk.
592	" Kali Kumar	Chitpur	ditto	Clerk, Collector's Office.
593	" Kali Charan	ditto	ditto	Clerk, Sun Life Insurance Company.
594	" Kali Prassana	Bhawanipur	ditto	Independent.
595	" Kali Prassana	Nawabgunge	ditto	Contractor and Municipal Commissioner.
596	" Kali Prasana	Tollygunge, Bengal	ditto	Clerk, Municipal Office, Calcutta.
597	" Kailas Chandra	Basirhat	ditto	Gantidar.
598	" Keshab Chandra	ditto	ditto	Pleader, Judge's Court.
599	" Keshab Chander	Bhawanipur	ditto	Kabiraj.
600	" Keshab Lal	ditto	ditto	Overseer.
601	" Khetra Mohan	Naihati	ditto	Teacher, Hooghly.
602	" Kisto Chandra	Bhawanipur	ditto	Clerk, Bengal Secretariat.
603	" Ketter Nath	Khorda	ditto	Merchant of Bandipur.
604	" Kherode Chander	Barrackpore	ditto	Merchant.
605	" Krishna Lal	Naihati	ditto	Independent gentleman.
606	" Kunja Behari	Basirhat	ditto	Pleader, Basirhat Munsif's Court.
607	" Kunja Behari	Budge-Budge	ditto	Independent.
608	" Kunja Behari	ditto	ditto	Pleader, Judge's Court.
609	" Kunja Behari	Barasat	ditto	Clerk, Accountant-General, Bengal's Office.
610	" Kunja Behari	Habra	ditto	Pleader.
611	" Loke Nath	Bhawanipur	ditto	Clerk.
612	" Mahendra Nath	ditto	ditto	Clerk, High Court.
613	" Mahendra Nath	Khorda	ditto	Contractor.
614	" Mahesh Chandra	ditto	ditto	Pensioner.

615	"	Nil Komal	Sonarpur	...	Nagalberia	...	ditto	...	Chuckdar.
616	"	Norendra Nath, B.A.	Bhowanipur	...	Chander Nath Chatterjee's Street	...	ditto	...	Clerk.
617	"	Nobin Chandra	Rankipore	...	Dhora	...	ditto	...	Muktear, Diamond Harbour.
618	"	Nunda Lall	Bhawanipur	...	Rassa Road	...	ditto	...	Head Pandit, S. School.
619	"	Patiram	Habra	...	Goverdanga	...	ditto	...	Land-holder.
620	"	Purbatty Churn	Basirhat	...	Tentra	...	ditto	...	Gantidar.
621	"	Peary Lall	Baniapukur	...	1, Banstolla	...	ditto	...	Land-holder.
622	"	Purna Chandra	Habra	...	Goverdanga	...	ditto	...	Zamindar.
623	"	Prasanna Chandra	Tollygunge	...	1, Shahanagar Lane	...	ditto	...	Merchant.
624	"	Raj Kumar	ditto	...	Barrackpore Road	...	ditto	...	Clerk.
625	"	Rajendra Nath	Basirhat	...	Kachua	...	ditto	...	Gantidar.
626	"	Rajendra Nath	Tollygunge, Police.	...	Behala	...	ditto	...	Pleader, Judge's Court.
627	"	Ram Chandra	Naihati	...	Naihati	...	ditto	...	Contractor.
628	"	Raghu Nath	Dum-Dum	...	Kalkhall	...	ditto	...	Clerk, Jetty Office.
629	"	Romesh Chandra	Tollygunge	...	Hazra Road, Beltolla	...	ditto	...	Clerk.
630	"	Rutty Nath	Barasat	...	Barasat	...	ditto	...	Pleader, Munsiff's Court, Barasat.
631	"	Saroda Prasanna	Ballighatta	...	Narceldanga North Road	...	ditto	...	Florist.
632	"	Saroda Prosad	Baruipur	...	Sasun	...	ditto	...	Pleader and Zamindar.
633	"	Saroda Churn	Bhawanipur	...	57, Pudmapukur Road	...	ditto	...	Clerk, Government Office.
634	"	Sarat Chunder	Tollygunge, Bengal Police.	...	Krishnagar	...	ditto	...	Clerk.
635	"	Sosee Bhushan	Chitpur	...	Talla	...	ditto	...	Head Clerk, Gun Foundry.
636	"	Siva Prosanna	Ballighatta	...	Narceldanga, North Road	...	ditto	...	Florist.
637	"	Shib Prosanna	Joynagar	...	Joynagar	...	ditto	...	Land-holder.
638	"	Sree Mohan	Tollygunge	...	10, Shahanagar Lane	...	ditto	...	Teacher.
639	"	Sabee Bhushan	Sonarpur	...	Mahinagar	...	ditto	...	Clerk, Cossipore Gun Foundry.
640	"	Sree Ram Chandra.	Bengal Police, Tollygunge.	...	Behala	...	ditto	...	Mahajan.
641	"	Srish Chandra, B.L.	Naihatti	...	Bhatpara	...	ditto	...	Pleader, Judge's Court, Hooghly.
642	"	Srikrishhto	Bhawanipur	...	Beltolla Road	...	ditto	...	Translator, High Court.
643	"	Tarini Charan	Watgunge	...	Gurbari Road	...	ditto	...	Teacher.
644	"	Tarak Nath	Bhawanipur	...	Bolora Bose's Ghat Road	...	ditto	...	Clerk.
645	"	Trailakha Nath	Basirhat	...	Bainpala	...	ditto	...	Pleader, Munsiff's Court, Basirhat.
646	"	Trailokha Nath, B.L.	Baduria	...	Ruderpur	...	ditto	...	ditto.
647	"	Uma Charan	Naihati	...	Boonoghata Halishahar	...	ditto	...	Zamindar.
648	"	Upendra Nath	Bengal Police, Tollygunge.	...	Sarsuna	...	ditto	...	Contractor Public Works Department.
649	"	Punchanon	Watgunge	...	3, Gangadhar Banerjee's Lane	...	ditto	...	Zamindar.
650	"	Annoda Charan	Naihati	...	Jagaddal	...	ditto	...	Clerk.
651	"	Annukul	do.	...	ditto	...	ditto	...	Government officer.
652	"	Bhoopendra Coomer.	Sonarpur	...	Changripata	...	ditto	...	Land-holder.
653	"	Behari Lall	Cossipore	...	Chunder Coomer Roy's Lane	...	ditto	...	Clerk, Small Cause Court.

	NAMES.	PLACE OF ABODE.		Race.	Quality or business.
		Thana.	Village, road, or street.		
654	Chatterjee, Bhoobun Mohon	Dum-Dum	Kadihati	Hindu	Pensioner and Land-holder.
655	" Dwarka Nath	Bhawanipur	Karsaripara Road	ditto	Vakeel, High Court.
656	" ditto	Watgunge	Tarafdar's Tank Lane	ditto	Sweetmeat-vendor.
657	" Grish Chandra	Bengal Police, Tollygunge.	Futtepur	ditto	Clerk.
658	" Harish Chandra	Bhawanipur	Kalighat	ditto	Muharrir, Munsif's Court, Alipore.
659	" Hari Mohon	ditto	54, Gooltoli Road	ditto	Pleader, High Court.
660	" Haran Chandra	ditto	Bocool Bagan Road	ditto	Clerk,
661	" Harro Coomar	Naihati	Ram-Sitar Gali, Halishahar	ditto	Zamindar.
662	" Iswar Chandra	Bhawanipur	2, Boloram Bose's 1st Lane	ditto	Pleader, High Court.
663	" Jadoo Nath	Alipore	Chetla	ditto	ditto, Judge's Court.
664	" Kedar Nath	Bankipore	Bistupur	ditto	Mukhtear, Diamond Harbour Criminal Court.
665	Chuckerbatty, Kali Dass	Dum-Dum	Gopalpur	ditto	Clerk.
666	" Khetter Nath	Baranagore	Baranagore	ditto	Independent.
667	" Kali Nath	ditto	Bon Hughly	ditto	Sadar Mate, Merchant's Office.
668	" Mohesh Chandra	Baniapur Road	37, Baniapur Road	ditto	Kaveraj.
669	" Nonee Lall,	Joynagar	Joynagar	ditto	Pleader, Barnipur Munsif's Court.
670	" Nilkanto	Alipore	Gopalnagar Road	ditto	Mukhtear, Magistrate's Court, Alipore.
671	" Nobin Chandra	Naihati	Naihati	ditto	Independent gentleman.
672	" Peary Mohon	Tollygunge, Bengal Police.	Barisa	ditto	Clerk.
673	" Preo Nath	Dum-Dum	Populpur, Dum-Dum	ditto	Tradesman,
674	" Preo Nath	Bhawanipur	Rassa Road	ditto	Pleader, Munsif's Court, Alipore.
675	" Ramjoy	Bankipore	Mollarchuck	ditto	Land-owner.
676	" Ramsarbaswar	Sonarpur	Harinavi	ditto	Clerk, National Bank.
677	" Roma Nath	Cossipore	Shyama Charan Maitra's Lane	ditto	Broker.
678	" Saroda Charan	Basirhat	Naihati	ditto	Municipal Clerk, Basirhat.
679	" Soshee Bhusan	Baliaghatta	Narceldanga North Road	ditto	Pensioner.
680	" Sashee Bhusan	Bhawanipur	Rassa Road	ditto	Mukhtear
681	" Syama Charan	Do.	Shikdarpara Road	ditto	Pleader Judge's Court.
682	" Radha Madhab	Basirhat	Teutra	ditto	Land-holder.
683	" Suresh Chandra	Bhawanipur	Mohesh Chandra Chowdhury's Lane	ditto	Pleader, Judge's Court.
684	" Taccordass	Barasat	Kattore	ditto	Land-holder.
685	" Troilakhya Nath	Harwa	Gopalpur	ditto	Zamindar.
686	" Ambica Churn	Chitpur	Sircar's Bagan	ditto	Head Trains Clerk, Eastern Bengal State Railway.
687	" Upendra Kumar	Kulpi	Ghateshwara	ditto	Land-owner.
688	" Upendra Nath	Habra	Goverdanga	ditto	Land-holder.
689	Chunder, Bani Madhab	Watgunge	15 Padmapukur West Lane	ditto	Clerk.

690	Dina Nath	Baduria	Jadurati	...	ditto	...	Zamindar.
691	"	Bhawanipur	18, Shankaripara Road	...	ditto	...	Clerk, Government service.
692	"	Ekbalpur	Mominpur Gali	...	ditto	...	Clerk, Government Printing Office.
693	"	Garden Reach	Sonai 3rd Lane	...	ditto	...	Clerk, Emigration Office, Trinidad.
694	"	Bhawanipur	18, Sankaripara Lane	...	ditto	...	Clerk.
795	Cowar Raj Kumar	Alipore	Chetla Mayerpur Road	...	ditto	...	Clerk, Inspector-General's Office.
D							
696	Dass, Atul Bihari	Habra	Goverdanga	...	ditto	...	Trader.
697	"	Watgunge	Kidderpore	...	ditto	...	Serishtadar, 1st Munsif's Court.
698	"	Bhawanipur	13, Rassa Road	...	ditto	...	Attorney-at-Law.
699	"	ditto	Gobindo Ghosal's Lane	...	ditto	...	Vakeel, High Court.
700	"	Watgunge	Durga Dass Mukerjee's Lane	...	ditto	...	Pleader.
701	"	Baniapukur	18, Baniapukur Lane	...	ditto	...	Officer.
702	"	Baliaghata	Talpurkur Road	...	ditto	...	Clerk, Merchant's Office.
703	"	Ultadanga	21, Jadoo Nath Mitter's Lane	...	ditto	...	Merchant.
704	"	Intally	18, Padmapukur Road	...	ditto	...	Accountant, East Indian Railway.
705	"	Tollygunge	25, Nakuleswar Bhattacharjee's Lane	...	ditto	...	Contractor.
706	"	Bhawanipur	Gopal Banerjee's Lane	...	ditto	...	Clerk.
707	"	Chitpore	Nawabputty Road	...	ditto	...	Land-holder.
708	"	Ultadanga	20, Mohun Lall Mitter's Lane	...	ditto	...	Merchant.
709	"	Manicktolla	5, Bodridass' Temple Lane	...	ditto	...	Clerk.
710	"	Intally	16, Police Hospital Road	...	ditto	...	do.
711	"	Cossipur	Sinthee	...	ditto	...	Clerk, Comptroller-General's Office.
712	"	Bhawanipur	28, Choulputty Road	...	ditto	...	Clerk, Accountant-General's Office.
713	"	ditto	57-1, ditto	...	ditto	...	Clerk.
714	"	Baliaghata	Baliaghata Road	...	ditto	...	Clerk, E. B. S. Railway.
715	"	Baniapukur	25, Baniapukur Road	...	ditto	...	Clerk.
716	"	Bhawanipur	48, Choulputty Road	...	ditto	...	Pensioner.
717	"	Intally	Palmer's Bazar Road	...	ditto	...	Merchant.
718	"	Cossipore	Sinthee South Road	...	ditto	...	Book-keeper, Sanderson & Co.
719	"	Baniapukur	58, Baniapukur	...	ditto	...	Clerk.
720	"	Alipore	Gopalnagar Road.	...	ditto	...	Pleader.
721	"	Chitpur	Ghose's Bagan	...	ditto	...	Lock Manufacturer.
722	"	Bhawanipur	Rassa Road, Chhurruckdanga	...	ditto	...	Vakeel, High Court.
723	"	Intally	72, Ananda Gopal Palit's Lane	...	ditto	...	Clerk.
724	"	Baniapukur	35, Dehi Serampur Road	...	ditto	...	Land-holder.
725	"	Intally	19, Police Hospital Road	...	ditto	...	ditto.
726	"	Bhawanipur	14, Gobinda Prosad Bose's Lane	...	ditto	...	Pensioner.
727	"	Baranagore	Kolupara	...	ditto	...	Clerk, Merchant's Office.
728	"	Intally	1, Tangra Road	...	ditto	...	Zamindar.
729	"	Baranagore	Kalupara	...	ditto	...	Private Tutor.
730	"	Ultadanga	5, Bhyruba Mukerjee's Lane	...	ditto	...	Clerk, Walker and Gisborn Co.
731	"	Bhawanipur	52, Chaulputty Road	...	ditto	...	Clerk, Merchant's Office.
732	"	Watgunge	Ram Coomar Mukerjee's Street	...	ditto	...	Pleader.

NAMES.	PLACE OF ABODE		Race.	Quality or business.
	Thana,	Village, road or street.		
D				
733 Doss, Shib Chunder	Baranagore	Kolupara	Hindu	School Master.
734 " Syama Charan	Baniapukur	Gurgacha Behala	ditto	Pleader, Munsif's Court.
735 " Unnoda Prosad	Bhawanipur	91, Kansaripara Road	ditto	Independent.
736 " Umrita Lall	ditto	52, Chaulputty Road	ditto	Clerk.
737 " Woopendra Nath	Alipore	Gopainagar Road	ditto	Clerk, Municipal.
738 " Dass Aghore Nath	Baliaghatta	Narikeldadga Main Road	ditto	Clerk, Merchant's Office.
739 Deb, Shib Chandra	Watgunge	50, Monshatolla Lane	ditto	Pleader.
740 " Jogesh Chandra	Garden Reach, Bengal Police.	Circular Garden Reach Road	ditto	Overseer.
741 " Jogindra Nath, B.A., B.L.	Jaynagar	Mazilpore	ditto	Pleader, Diamond Harbour Munsif's Court.
742 Dey, Makhan Lall, B.A.	Baranagore	Kootighatta	ditto	Merchant.
743 " Anadi Nath	Baliaghatta	Omdaraja's Lane	ditto	ditto.
744 " Baikanta Nath	Cossipore	Ratan Babu's Road	ditto	Municipal Engineer.
745 " Bireswar	Barrackpore	Monirampur	ditto	Clerk.
746 " Bidu Bhusan	Bhawanipur	39D, Pepulputty Road	ditto	do.
747 " Bhola Nath	Intally	Dehi Intally Road	ditto	do.
748 " Gopal Chandra	Bhawanipur	4, Dhobapara, Chuckerbere	ditto	Examiner of Accounts, Public Works Department.
749 " Hari Narayan	Chitpur	2, Setpukur Road	ditto	Examiner of Accounts, Eastern Bengal Railway.
750 " Hem Chandra	Baniapukur	55, Baniapukur Road	ditto	Clerk.
751 " Harendra Nath	Intally	South Road, Intally	ditto	Clerk, Accountant-General's Office.
752 " Kali Charan	ditto	ditto	ditto	Dewan, Paper Currency Office.
753 " Kassiputi	Watgunge	Monshatolla	ditto	Clerk.
754 " Kedar Nath	Baniapukur	57, Baniapukur Lane	ditto	Clerk to Counsel Jackson.
755 " Kedar Nath	Tollygunge	Barisa	ditto	Clerk.
756 " Khettra Mohan	Baniapukur	11, Baniapara Lane	ditto	Land-holder.
757 " Kunja	ditto	6, ditto	ditto	Clerk.
758 " Mohendra Nath	Intally	Dehi, Intally	ditto	Zamindar.
759 " Mohendra Nath	Baniapukur	7, Baniapukur Lane	ditto	Contractor.
760 " Nafer Chandra	Cossipore	Syama Charan Maitra's Lane	ditto	Clerk, Gun Foundry, Cossipore.
761 " Narayan Das	Bhawanipur	Padmapukur Road	ditto	Clerk.
762 " Nilmony	Cossipore	Dum-Dum Road	ditto	Clerk, Board of Revenue.
763 " Akhoy Coomar	Nil	Nil	ditto	Pleader, Judge's Court.
764 " Peary Mohan, B.A.	Naihati	Bazarpura	ditto	Government Officer.
765 " Purna Chandra	Tollygunge, Bengal Police.	Halko, 24-Parguaas	ditto	Clerk.
766 " Prionath	Baranagore	Baranagore	ditto	School Master, Baranagore.
767 " Bakhal Chandra	Baniapukur	30, Baniapukur, Road	ditto	Zamindar.
768 " Rajnarayan	Intally	2, Dehi, Intally	ditto	Clerk.

769	Ramanath	Baniapukur	...	31, Jannagore Road	...	ditto	do.
770	Riday Chander	ditto	...	21, Baniapukur Lane	...	ditto	Officer.
771	Sharoda Charan	Intally	...	Anando Gopal Palit's Road	...	ditto	Clerk.
772	Shama Charan	Baniapukur	...	9, Tanti Bagan Road	...	ditto	Bookseller.
773	Satcoree	Baliaghata	...	Canal East Road	...	ditto	Clerk, Government Currency Office.
774	Siddeshwar	Naihati	...	Garifa	...	ditto	Clerk.
775	Shoresh Chandra	Baniapukur	...	55, Baniapukur Road	...	ditto	do.
776	Upendra Nath	Ballygunge	...	Chuckerbere Lane	...	ditto	Contractor.
777	Woomesh Chandra	Bhawanipur	...	36, Pakurtolla Road	...	ditto	Clerk, High Court.
778	Woomesh Chander	Baniapukur	...	16, Baniapukur Lane	...	ditto	Officer.
779	Dutta, Abinash Chandra	Bhawanipur	...	21, Kansaripara Road	...	ditto	Clerk, Charter Bank.
780	Ambika Charan	Tollygunge, Bengal Police.	...	Barisa	...	ditto	Clerk.
781	Bejoy Krishna	Bhawanipur	...	Padmapukur Road	...	ditto	Accountant, Zoological Garden.
782	Bejoy Bejoy Lall	Baduria	...	Arbelia	...	ditto	Government servant.
783	Biraj Krishna	Joynagar	...	Mazilpur	...	ditto	Zamindar.
784	Bepin Behari	ditto	...	ditto	...	ditto	ditto.
785	Benode Behari	Chitpur	...	Strand Bank Road	...	ditto	Merchant.
786	Bhowani Charan	Bhawanipur	...	Chandra Nath Chatterjee's Street	...	ditto	Vakeel, High Court.
787	Bhupendra Narain	Joynagar	...	Mazilpur	...	ditto	Zamindar.
788	Brahma Nunda	Bhawanipur	...	Roop Chand Mookerjee's Lane	...	ditto	Muktear, High Court.
789	Durga Das	ditto	...	58, Sankaripara	...	ditto	Pleader, High Court.
790	Dwarka Nath	ditto	...	Bance Madhab Nandan Bro's Lane	...	ditto	Teacher, Civil Engineering College.
791	Dwarka Nath	ditto	...	Kansaripara Road	...	ditto	Pleader, Judge's Court.
792	Gopal Das	Joynagar	...	Mazilpur	...	ditto	Pleader, Munsiff's Court.
793	Gyendananath	ditto	...	ditto	...	ditto	Attorney, High Court.
794	Girish Chandra	Cossipore	...	9, Paramanik Ghat Road	...	ditto	Contractor.
795	Girish Chandra	Tollygunge, Bengal Police.	...	Barisa	...	ditto	Clerk.
796	Ganga Narayan	Baranagore	...	Nainan	...	ditto	P. Store-keeper.
797	Harish Chunder	Chitpur	...	Cossipore	...	ditto	Independent.
798	Haro Nath	Diamond Harbour	...	Hatugunge	...	ditto	Naib.
799	Jadu Nath	Intally	...	22, Dehi Intally Road	...	ditto	Clerk.
800	Jagabandhu	Bhawanipur	...	Padmapukur Road	...	ditto	do.
801	Johur Lall	Garden Reach	...	Rameswarpur Lane	...	ditto	Pawn-broker.
802	Joy Kali	Alipore	...	Gapatuagar Road	...	ditto	Pleader, Judge's Court.
803	Kailash Chandra	Intally	...	4, Palmer's Bazar Road	...	ditto	Clerk.
804	Keder Nath, L.A.	Joynagar	...	Mazilpur	...	ditto	Pleader, Baranipur Munsiff's Court.
805	Kali Kamal	Tollygunge, Bengal Police.	...	Barisa	...	ditto	Clerk.
806	Kalibilash	ditto	...	do.	...	ditto	do.
807	Khettra Mohan	Bhawanipur	...	18, Kamrangatola Lane	...	ditto	Pleader, Judge's Court.
808	Lolit Mohan	Hasnabad	...	Jalalpur	...	ditto	Clerk.
809	Mohendra Nath	Baliaghata	...	Garpar	...	ditto	Attorney-at-Law.
810	Narain Chandra	Baniapukur	...	36, Baniapukur Road	...	ditto	Dealer.
811	Mohesh Chandra	Intally	...	Dehi Intally Road	...	ditto	Zamindar.

NAMES.	PLACE OF ABODE.		Race.	Quality or business.
	Thana.	Village, road, or street.		
D				
812	Dutta, Nil Gopal	... Tollygunge, Bengal Barisa Police.	...	Pensioner.
813	"	... ditto	...	...
814	"	... Bhawanipur	ditto	Pleader, Judge's Court.
815	"	... Chitpur	ditto	Clerk.
816	"	... Naihati	ditto	Clerk, Life Insurance Office.
817	"	... Bhawanipur	ditto	Government Pensioner.
818	"	... ditto	ditto	Translator, High Court.
819	"	... Naihati	ditto	ditto
820	"	... Barasat	ditto	Independent Gentleman.
821	"	... Bankipore	ditto	Zamindar and Land-holder.
822	"	... Habra	...	Muktear, Diamond Harbour Criminal Court.
823	"	... Bhawanipur	ditto	Zamindar.
824	"	... ditto	ditto	Vakeel, High Court.
825	"	... Ballygunge	ditto	Independent.
826	"	... Habra	ditto	ditto.
827	"	... Joynagar	ditto	Trader.
828	"	... Tollygunge, Bengal Barisa Police.	ditto	Zamindar.
829	"	... Chitpur	...	Clerk.
830	"	... Bhawanipur	ditto	Druggist.
831	Faridan, Bukht Shahibzada	... Tollygunge, Bengal Police.	... Muhammadan...	Clerk, Garrison Engineer's Row. Pensioner.
F				
832	Faiazuddin	... Tollygunge	...	ditto.
G				
833	Gangooly, Anghore Nath	... ditto	Hindu	Clerk, Municipal Office, Calcutta.
834	"	... Naihati	ditto	Accountant, Howrah.
835	"	... Bhawanipur	ditto	Assistant, G. A. and Co.
836	"	... Annada Prosad	ditto	Clerk, Railway Workshop.
837	"	... Annunto Prokash...	ditto	Trader.
838	"	... Bama Charan	ditto	Clerk, General Post Office, Calcutta.
839	"	... Beni Madhab	ditto	Land-holder and Naib.
840	"	... Bejoy Chander	ditto	School Master.
841	"	... Bene Madhab	ditto	Head Master.
842	"	... Bhusan Chandra	ditto	Clerk, Eastern Bengal State Railway.

843	"	Durga Das	ditto	Garifa	...	...	...	Clerk.
844	"	Gopal Chander	ditto	Chaudhripura, Halisahar	...	...	...	Zamindar.
845	"	Gangadhar	Khordah	...	...	...	...	Merchant.
846	"	Jolodhur	Naihati	...	...	...	...	Land-holder.
847	"	Jogesh Prakash	Baniapukur	...	...	...	...	Zamindar.
848	"	Jotish Prokas	ditto	...	...	...	...	ditto.
849	"	Kali Das	Baduria	...	...	...	...	Clerk, 1st Munsif's Court, Basirhat.
850	"	Kherode Chandra	Baliaghata	...	...	...	...	Overseer.
851	"	Khetter Mohan	Bhawanipur	...	...	...	...	Translator, High Court.
852	"	Kumode Nath, B.A.	Chitpur	...	...	...	...	Article Clerk.
853	"	Mohendra Chandra	Bhawanipur	...	...	...	...	Pleader, Judge's Court.
854	"	Rajendra Nath	Baranagar	...	...	...	...	P. Teacher.
855	"	Surendra Nath	ditto	...	...	...	...	Clerk, Merchant's Office.
856	"	Tara Prakash	Chitpur	...	...	...	...	Banian.
857	"	Adiswar	Alipore	...	...	...	...	Artist.
858	"	Jogodishur	do.	...	...	...	...	Zamindar.
859	"	Rama Nath	do.	...	...	...	...	Muktear.
860	"	Sreenath	Tollygunge, Police.	...	...	...	...	...
861	"	Utam Chander	Goverdanga	...	...	...	...	Pensioner.
862	"	Womesh Chandra	Bhawanipur	...	...	...	...	Muktear.
863	"	Jadu Nath	Baranagar	...	...	...	...	Clerk, Merchant's Office.
864	"	Beni Madhab	Baliaghata	...	...	...	...	Clerk, India General Company.
865	"	Coomar Satya Sree	Ekbalpur	...	...	...	...	Zamindar.
866	"	Coomar Satya Nidhi	ditto	...	...	...	...	ditto.
867	"	Coomar Satya Sheluck	ditto	...	...	...	...	ditto.
868	"	Coomar Satya Mohan	ditto	...	...	...	...	ditto.
869	"	Coomar Satya Sunker	ditto	...	...	...	...	ditto.
870	"	Coomar Satya Badee	ditto	...	...	...	...	ditto.
871	"	Coomar Satya Satya Bahadoor.	ditto	...	...	...	...	ditto.
872	"	Comar Satya Bhusan	ditto	...	...	...	...	ditto.
873	"	Coomar Satya Iswar	ditto	...	...	...	...	ditto.
874	"	Fatick Chandra	Deyganga	...	...	...	...	Land-owner.
875	"	Nabin Chandra	Bhawanipur	...	...	...	...	Clerk.
876	"	Nriya Gopal	Baranagar	...	...	...	...	Proprietor, Novabivakar Press.
877	"	Saroda Prosad	Bhawanipur	...	...	...	...	Clerk.
878	"	Traylokha Nath	Tollygunge	...	...	...	...	" Accountant-General's Office.
879	"	Abinash Chandra	Baliaghata	...	...	...	...	Zamindar.
880	"	Abinash Chandra	Garden Reach	...	...	...	...	Clerk.
881	"	Abhoy Charan	Naihati	...	...	...	...	Teacher, Naihati School.
882	"	Aghor Nath	Basirhat	...	...	...	...	Zamindar.
883	"	Akhoy Coomar	Intally	...	...	...	...	Clerk.
884	"	Ambica Charan	Cossipore	...	...	...	...	do Messrs. Mackdowell and Co.
885	"	Ananda Charan, B.L.	Watgunge	...	...	...	...	Pleader.

NAMES	PLACE OF ABODE.		Race.	Quality or business.
	Thana.	Village, road or street.		
886	Ghose, Anada Prosad	...	Hindu	Clerk.
887	" Anada Mohon	25, Jaliapara	ditto	Pleader.
888	" Anantaram	Sikra	ditto	Money-lender.
889	" Apurva Krisbna	South Road, Intally	ditto	Clerk.
890	" Apurba Kristo	5, Gopal Chandra Banerjee's Street	ditto	"
891	" Baikanta Nath	Sinthee	ditto	Clerk, Commissioner's Office, Presidency Division.
892	" Bama Charan	3-2, Gopal Ghose's Lane	ditto	Pleader, Judge's Court.
893	" Behari Lal, M.A., B.L.	9, Bacool Bagan Road	ditto	" Pensioner.
894	" Bepin Behari	Nowdapara Ariadaha	ditto	Head Master.
895	" Bhuban Mohan, Bengal Police.	Hurro Mohun Ghose's Lane	ditto	Head Master.
896	" Bhupendra Chander	Haltn, 24-Parganas	ditto	Clerk, Office of Inspector-General of Police.
897	" Bhupendra Coomar	Horo Mohun Ghose's Lane	ditto	Vakeel.
898	" Bepin Behari	ditto	ditto	Land-holder.
899	" Brindaban Chandra	Naihati	ditto	Clerk.
900	" Brojo Kishore	Goaltolli Road	ditto	Land-owner.
901	" Brojo Madhab	Karanjali	ditto	Contractor.
902	" Brojendro Coomar	Sorsoona	ditto	Clerk, Eastern Bengal Railway.
903	" Brojo Nath	Ramnagar	ditto	Merchant.
904	" Brojo Nath	80, Diamond Harbour Road	ditto	Zamindar.
905	" Chintamony	Kaikhali	ditto	Clerk, Government Office.
906	" Chunder Mohun	Rutton Baboo's Road	ditto	Clerk, Eastern Bengal State Railway.
907	" Chuni Lal	10, Ulubaria, 1st Lane	ditto	Muktear, Basirhat Court.
908	" Chandra Nath	Naihati	ditto	Pleader, Small Cause Court.
909	" Dina Nath	Narekeldanga North Road	ditto	Clerk.
910	" Durga Das	Bhabla	ditto	Translator, High Court.
911	" Durga Das	Madhab Chatterjee's Lane	ditto	Superintendent, Cooly Depôt.
912	" Dwarka Nath	Hazra Bagan Lane	ditto	Pleader, Munsif's Court.
913	" Fakir Chand	Sonai, 1st Lane	ditto	Pleader, Judge's Court.
914	" Girish Chunder	Garpar	ditto	Sub-Registrar.
915	" Girish Chunder	Sonai, 1st Lane	ditto	Clerk, Comptroller's Office.
916	" Gobinda Chandra	Basirhat	ditto	Independent.
917	" Gonesh Chandra	Beltola	ditto	Contractor.
918	" Harigopal	Naihati	ditto	Zamindar.
919	" Harimohan	62, South Road Intally	ditto	Assistant.
920	" Hurro Chandra	Gopal Chandra Banerjee's Street	ditto	Clerk.
921	" Hurish Chandra	Sonai, 1st Lane	ditto	
922	" Hira Lal	Athpur	ditto	
923	"	11, Bolaram Bose's 2nd Lane	ditto	
		68, Bokool Bagan Road	ditto	

924	Hira Lall	...	Watgunge	...	Sustitolla Road	...	ditto	...	Muktear.
925	Hari Mohan	...	ditto	...	Monshatolah	...	ditto	...	Clerk.
926	Jadu Nath	...	Intally	...	9, Dehi Intally Road	...	ditto	...	do.
927	Jadu Nath	...	Ballighatta	...	22, Narekeldanga, Shastitolla	...	ditto	...	Clerk, Merchant's Office.
928	Jadu Nath	...	Alipore	...	Mayerpur	...	ditto	...	Clerk, Army Clothing Agency.
929	Jiban Krishna	...	Basirhat	...	Sikra	...	ditto	...	Zamindar.
930	Jiban Krishna	...	Bhawanipur	...	Jalliaparrah Road	...	ditto	...	Pleader, Judge's Court.
931	Jadu Nath	...	Intally	...	8, Dehi Intally	...	ditto	...	Contractor.
932	Jadu Nath	...	Bhawanipur	...	Rammohan Dutta's Lane	...	ditto	...	Pleader, Judge's Court.
933	Jadu Nath	...	Sonarpur	...	Sonarpur	...	ditto	...	Head Assistant, Army Clothing Agency.
934	Jogendra Chandra	...	Garden Reach	...	Circular Garden Reach Road	...	ditto	...	Zamindar.
935	Jogendra Chandra	...	Bhawanipur	...	Chandra Nath Chatterjee's Street	...	ditto	...	Vakeel, High Court.
936	Jagendra Nath	...	Hashnabad	...	Bunkanty	...	ditto	...	Zamindar's Naib.
937	Jagendra Nath, Sr.	...	Baduria	...	Arbelia	...	ditto	...	Land-holder.
938	Jagendra Nath	...	Chitpur	...	Prankanto Mukerjee's Lane	...	ditto	...	Jute Merchant.
939	Jagendra Chunder	...	Ballighatta	...	Horomohan Ghose's Lane	...	ditto	...	Clerk, Bank of Bengal.
940	Jagendra Nath	...	Baduria	...	Taragonia	...	ditto	...	Private servant.
941	Joygopal, B.L.	...	Sonarpur	...	Boral	...	ditto	...	Pleader.
942	Kally Prosana	...	Intally	...	Tangra Road	...	ditto	...	Clerk.
943	Kalibar	...	Bhawanipur	...	18, Nakoolshartolla Lane, Kalighat	...	ditto	...	Muharrir, Alipore 1st Munsif's Court.
944	Kaliprosana	...	ditto	...	13, Madhub Chander Chatterjee's 1st Lane.	...	ditto	...	Clerk, High Court.
945	Kedar Nath	...	Intally	...	8, Dehi, Intally	...	ditto	...	Pleader, Small Cause Court.
946	Kedar Nath	...	Basirhat	...	Sikra	...	ditto	...	Zamindar.
947	Kedar Nath	...	Hasnabad	...	Taki	...	ditto	...	ditto.
948	Khetter Mohan	...	Watgunge	...	Munshigunge Road	...	ditto	...	Merchant.
949	Khetter Mohan	...	ditto	...	Kidderpore, Circular Garden Reach Road	...	ditto	...	Zamindar.
950	Kristo Chandra	...	Cossipore	...	Uttarpara Road	...	ditto	...	Tradesman.
951	Kristo Chandra	...	Ballighatta	...	Charackdanga Road	...	ditto	...	Clerk.
952	Kristo Chandra	...	Budge-Budge	...	Chowalkhala	...	ditto	...	Contractor.
953	Mohendra Nath	...	Alipore	...	Chetla, Shabji Bagan	...	ditto	...	Clerk, High Court.
954	Monmohun	...	Intally	...	3, Dehee Road	...	ditto	...	Clerk, Currency Office.
955	Monmotho Coomer	...	Barasat	...	Barasat	...	ditto	...	2nd Master, Government School.
956	Monmattia	...	Ballighatta	...	Ballighatta Road	...	ditto	...	Merchant.
957	Moti Lall	...	Garden Reach	...	Sonai 1st Lane	...	ditto	...	Clerk, Port Commissioners' Office.
958	Moti Lall	...	Bhangore	...	Bodra	...	ditto	...	Pleader, High Court.
959	Mathura Nath	...	Ballighatta	...	Ballighatta	...	ditto	...	Merchant.
960	Nanda Gopal	...	Garden Reach	...	69, Sonai	...	ditto	...	Teacher.
961	Naran Chander	...	Baruipur	...	Baruipur	...	ditto	...	Pleader, Baruipur Munsif's Court.
962	Nilmoni	...	Manicktolla	...	110, Manicktolla Road	...	ditto	...	Clerk.
963	Nim Chand	...	Bhawanipur	...	9, Bokool Bagan Road	...	ditto	...	Pensioner.
964	Nogendra Nath	...	ditto	...	Bokool Bagan Road	...	ditto	...	Clerk.
965	Nogendra Nath	...	Ballighatta	...	Garpar	...	ditto	...	Pleader, Judge's Court, Alipore.
966	Omrta Lall	...	Intally	...	Benapara Lane	...	ditto	...	Pleader, Small Cause Court, Sealdah.
967	Preo Nath	...	ditto	...	1, Ananda Gopal Palit's Road	...	ditto	...	Clerk, High Court, Calcutta.
968	Preo Nath	...	ditto	...	12, Dehi Intally Road	...	ditto	...	Muktear.

NAMES.

G

PLACE OF ABODE.

Thana. Village, road, or street.

Quality or business.

Race.

969	Ghose, Preo Nath	...	Alipore	...	12, Kalighat Bridge Road	...	Hindu	...	Pleader, Judge's Court.
670	" Prokash Nath, B.A., B.L.	...	Naihati	...	Moolozore	...	ditto	...	Pleader, Judge's Court, 24-Parganas.
971	" Probhat Chandra	...	Basirhat	...	Sikra	...	ditto	...	Zamindar.
972	" Prosad Das	...	Intally	...	2, Ananda Gopal Palit's Lane	...	ditto	...	ditto.
973	" Parna Chandra	...	Bhawanipur	...	37, Padmapukur Road	...	ditto	...	Head Assistant, office of the Geological Survey of India.
974	" Rajendralall	...	Baranagore	...	Neogipara	...	ditto	...	Tradesman.
975	" Rajendranath	...	Baduria	...	Taragonia	...	ditto	...	Land-holder.
976	" Raj Krishna	...	Cossipore	...	Rayparah	...	ditto	...	Clerk.
977	" Roma Nath	...	ditto	...	Uttarparah	...	ditto	...	Merchant.
978	" Rakhal Chandra	...	Baliaghatta	...	Soorah	...	ditto	...	Pleader, Civil Court.
979	" Rakhal Chandra	...	ditto	...	Charruckdanga Road	...	ditto	...	Municipal Commissioner.
980	" Rakhal Chandra	...	Tollygunge, Bengal Police.	...	Barisa	...	ditto	...	Pleader, Munsif's Court.
981	" Ram Dass, B.A.	...	Baranagar	...	South Baranagar	...	ditto	...	Clerk.
982	" Ram Wootam	...	Bhawanipur	...	Rassa Road	...	ditto	...	do.
983	" Ram Krista	...	Cossipore	...	Raypara	...	ditto	...	Clerk, Government Office.
984	" Rama Nath	...	Intally	...	Pan Bagan Lane	...	ditto	...	Clerk.
985	" Rano Nath	...	Bengal Police, Tollygunge.	...	Sorsuna	...	ditto	...	do., Bengal Accountant-General's Office.
986	" Sama Charan	...	Bhawanipur	...	Biltolah	...	ditto	...	do., Home Department, Government of India.
987	" Sarada Prosad, B.A., B.L.	...	Nawabgunge	...	Echapur	...	ditto	...	Pleader.
988	" Satis Chandra	...	Bhawanipur	...	Chandra Nath Chatterjee's Street	...	ditto	...	Vakeel, High Court.
989	" Satis Chandra, B.A.	...	Garden Reach	...	Circular Garden Reach Road	...	ditto	...	Zamindar.
990	" Shashi Bhushan	...	Bhawanipur	...	1, Kansaripara Road	...	ditto	...	Article Clerk.
991	" Sidheswar	...	Baranagar	...	Bon Hughli	...	ditto	...	Independent.
992	" Sreehuri	...	Watgunge	...	22, Berapukur Road	...	ditto	...	Homeopathic practitioner.
993	" Sree Nath	...	ditto	...	Ram Kamal Mukerjee's Street	...	ditto	...	Clerk.
994	" Srish Chandra	...	Bhawanipur	...	12, Balaram Bose's 2nd Lane	...	ditto	...	Independent.
995	" Surja Kumar	...	Tollygunge, Bengal Police.	...	Rassa	...	ditto	...	Land-holder.
996	" Sures Chandra	...	Bhawanipur	...	Bamanpara Lane	...	ditto	...	Clerk, Ulman, Hirschorn & Co.
997	" Syma Charan	...	Sonapur	...	Kodalia	...	ditto	...	do., Treasury Department.
998	" Tarini Charan	...	Chipur	...	4, Rane's Road, Paikpara	...	ditto	...	Merchant.
999	" Tarini Charan	...	Cossipur	...	Chasadhobapara Road	...	ditto	...	Pleader, Police Court, Calcutta.
1000	" Tarini Charan	...	Tollygunge	...	Shahanagore	...	ditto	...	Clerk, Municipal Office, Engineer's Department.
1001	" Uma Charan	...	Naihati	...	Naihati	...	ditto	...	Teacher.
1002	" Upendra Chander	...	Baliaghatta	...	Hurro Mohan Ghose's Lane	...	ditto	...	Clerk.
1003	" Womesh Chandra	...	Bhawanipur	...	49, Chuckerbere Road	...	ditto	...	Tradesman.

1004	Golam, Yassani Shabjada	Tollygunge	Rassa Road, South	...	Muhammadan	Pensioner.
1005	Gossami, Akhil Mohan	Khordah	Khordah	...	Hindu	Zamindar.
1006	" Bepin Behari	Tollygunge	Mahestolah	...	ditto	ditto.
1007	" Benode Kissors	Khordah	Khordah	...	ditto	ditto.
1008	" Jadub Kissors	ditto	ditto	...	ditto	ditto.
1009	" Kessiri Lall	Bhawanipur	Lansdowne Row	...	...	Vakeel, High Court.
1010	" Radha Madhub	ditto	4, Sankaripara Road	...	...	Attorney's Clerk, High Court.
1011	Guha, Nand Lall	ditto	Strand Road, Kalighat	...	...	Pleader, Judge's Court.
1012	Gupta, Radha Krishna	Chitpur	Chitpur	...	...	Merchant.
1013	Gupta, Apurvakristo Sen	Bhawanipur	49, Sankaripara Lane	...	...	Cashier.
1014	" Akhoy Coomer	Tollygunge	Barisa	...	...	Clerk.
1015	" Bepin Behari, B.A., B.L.	Naihati	Halishahar	...	...	Professor, Presidency College, Calcutta.
1016	" Deno Nath	ditto	Garifa	...	...	Clerk, Government Office.
1017	" Bepin Behary Dass	Tollygunge	20, Shahangore Lane	...	...	Muharrir, Sub-Judge's Court.
1018	" Brojo Kissen	Bhawanipur	9, Kalighat Road	...	...	Clerk.
1019	" Jogendra Narayan	Tollygunge	Rassa	...	...	Inspector of Tolly's Nullah.
1020	" Nobo Krishna	ditto	Barisa	...	...	Teacher.
1021	" Peary Mohan	ditto	Shahanagore	...	...	Sharishtadar.
1022	" Sredhur Dass	Bhawanipur	Rassa Road, Churruckdanga	...	...	Zamindar.
H						
1023	Halidar, Aghore Nath	Bhawanipur	Baram Rose's Ghat Road	...	...	Clerk.
1024	" Basanta Coomar	Kulpi	Gabbaria	...	...	Land-holder.
1025	" Bisseswar	Bhawanipur	9, Kalighat 2nd Lane	...	...	Clerk.
1026	" Chandra Coomar	ditto	Kalighat 2nd Lane	...	...	Land-holder.
1027	" Duno Nath	Bengal Police, Tollygunge.	Behala	...	...	Clerk.
1028	" Jadu Nath	ditto	do.	...	...	Clerk, East Indian Railway.
1029	" Kaliprosana	ditto	do.	...	...	ditto.
1030	" Nursing Chandra	Bhawanipur	22, Gopal Banerjee's Lane	...	...	Clerk.
1031	" Pasupati	ditto	29, Kalighat 2nd Lane	...	...	Pensioner.
1032	" Pores Nath	ditto	Kalighat, Halderpara	...	...	Head-clerk, South Suburban Municipality.
1033	" Prankrishna	Baduria	Gokuna	...	...	Zamindar.
1034	" Preo Nath	Bhawanipur	4-1, Kalighat 2nd Lane	...	...	Clerk, Port Commissioners' Office.
1035	" Purna Chandra	ditto	23, Gopal Banerjee's Lane	...	...	Private School Master.
1036	" Rajendra Nath	Kulpi	Gobberia	...	...	Land-holder.
1037	" Sib Chander	Naihati	Naihati	...	...	Clerk, Merchant's office.
1038	" Satya Charan	ditto	ditto	...	...	Money-lender.
1039	" Roma Nath	Ekalpur	Sonai Road	...	...	Timber Merchant.
J						
1040	Jamadar, Mohur Babuli	Kulpi	Menapaol	...	Muhammadan	Zamindar.
K						
1041	Kabira, Girish Chandra	Baniapukur	1, Baniapukur Lane	...	Christian	Clerk.
1042	" Rajkristo	Bhawanipur	Kalighat	...	ditto	Muharrir, Alipore Munsif's Court.

NAMES.	PLACE OF ABODE.		Race.	Quality of business.
	Thana.	Village, road, or street.		
K				
1043 Kundu, Benode Behari	Habra	Goverdanga	Christian	Trader.
1044 " Gangadhar	Bhawanipur	Pathuria Putty (Kalignat)	Hindu	Pleader, Judge's Court.
1045 " Gopal Chander	Baranagar	Koolighatta	ditto	Clerk.
1046 " Jogunnath	Naihati	Naihati	ditto	Teacher, Naihati School.
1047 " Shashee Bhushan	Habra	Goverdanga	ditto	Trader.
1048 Kerr, Durga Charan	Ballighatta	Shastitallah Road	ditto	Clerk, Merchant's Office.
1049 " Grish Chander	Tollygunge	Rassa Road, South	ditto	Pleader, High Court.
1050 " Kali Das	ditto	Tollygunge	ditto	Muharrir, 3rd Munsif's Court.
1051 Kerr, Wooma Charan	Basirhat	Kalkora	Hindu	Zamindar.
1052 Khan, Balaet	Bankipore	Jangirghur	Muhammadian...	ditto.
1053 Kha, Nawab Waris Ali	.....	Rassapugla	ditto	Pensioner.
1054 Kapali, Khetter Mohan	Ballygunge	13, Ekdalia Road	Hindu	Independent.
1055 Karmakar, Bepin Behary	Ballighatta	Narekeldanga North, Road	ditto	Merchant.
1056 " Surendra Nath	ditto	ditto	ditto	Scale Manufacture.
1057 " Mohendra Nath	ditto	ditto	ditto	ditto.
L				
1058 Laha, Amar Chand	Alipore	Gopalnagar Road	ditto	Sarishtadar, Judge's Court.
1059 Lusker, Farzley Hossein	Bankipore	Belloreah	Muhammadian...	Land-owner.
M				
1060 Marick, Bhabatarun	Nawabgunge	Nawabgunge	Hindu	Pleader, Serampur Munsif's Court.
1061 Mandal, Aditya Charan	ditto	Echapur	ditto	Merchant.
1062 " Annoda Charan	Ballighatta	Joynath Tark Panchaunn's Lane	ditto	Head Ticket Collector, Eastern Bengal Railway.
1063 Brindabun	Watgunge	Ram Kamal Mukerjee's Street	ditto	Clerk.
1064 " Boroda Prosad	Diamond Harbour	Purulia	ditto	Zamindar.
1065 " Brojendra Nath	Tollygunge	57, Tollygunge Road	ditto	ditto.
1066 " Choutana Charna	Ekkalpur	44, Circular Garden Reach Road	ditto	Head Clerk, Telegraph Office.
1067 " Gopal Chander	Tollygunge	Tollygunge Road	ditto	Zamindar.
1068 " Grish Chandra	Bankipore	Sherpur	ditto	Muktear, Foujdari Court, Diamond Harbour.
1069 " Gopi Kissors	Tollygunge	Tollygunge Road	ditto	Zamindar.
1070 " Haridas, B.A., B.L.	Cossipore	Rutton Babu's Road	ditto	Pleader, Judge's Court, Alipore.
1071 Mandal, Kali Coomar	Diamond Harbour	Purulia	ditto	Zamindar.
1072 " Kali Krishna	Tollygunge	66, Tollygunge Road	ditto	ditto.
1073 " Kanai Lal	ditto	60, ditto	ditto	ditto.
1074 " Koylash Chandra	Nil	Dum-Dum, Satgachee	ditto	Land-holder and Contractor.
1075 " Kristo Prosana	Nil	Budge-Budge, Bowali	ditto	ditto.
1076 " Mohesh Chandra	Intally	Kamardanga Road	ditto	Clerk.
1077 " Prankristo, B.L.	Watgunge	24, Munshatolla Lane	ditto	Pleader, Judge's Court.

1078	Raj Kishore	Tollygunge	57, Tollygunge Road	...	...	...	Zamindar.
1079	Raj Kishore	Budge-Budge	Bowali	...	ditto	...	ditto.
1080	Rye Charan	Baduria	Baduria	...	ditto	...	Land-owner.
1081	Upendra Krishna	Tollygunge	Tollygunge	...	ditto	...	Zamindar.
1082	Womes Chandra	ditto	13, Sebuck Ram Baddy's Lane	...	...	...	Draftsman, Calcutta Municipality.
1083	Maulvi, Abder Rahim	Alipore	Chetla	...	Muhammadan	...	Pleader, Judge's Court.
1084	Abdul Mazid	Baniapukur	Karaya Road	...	ditto	...	Clerk, Emigrant's Office.
1085	Mirza Darajah	ditto	20, Goralband Road	...	...	...	Prince ex-King of Oudh.
1086	Adhur Chandra	Habra	Patdanga	...	Hindu	...	Pleader, Barasat Court.
1087	Akhilesher	Baliaghatta	Shastitollah.	...	ditto	...	Jeweller.
1088	Aghore Nath	Basirhat	Basirhat	...	ditto	...	Muktear, Basirhat Court.
1089	Annoda Prosod	Joynagar	Joynagar.	...	ditto	...	Zamindar.
1090	Annoda Prasad	Garden Reach	Sonai	...	ditto	...	Pleader.
1091	Amrita Lal	Chitpur	Bonomali Chatterjee's Street, Talla	...	ditto	...	Engineer.
1092	Apurva Kali	Harwa	Gopalpur	...	ditto	...	Zamindar.
1093	Barada Kanta	Naihati	Naihati	...	ditto	...	Clerk, India Government Office, Calcutta.
1094	Baradaprasad	Barasat	Ridoypur	...	ditto	...	Contractor.
1095	Behari Lal	Baliaghatta	Soora Road	...	ditto	...	Muktear, Sealdah Police Court.
1096	Behari Lal	Barasat	Kattore	...	ditto	...	Land-holder.
1097	Beni Madhub	Garden Reach	Sonai	...	ditto	...	Pensioner.
1098	Benode Chandra	Bhawanipur	Padmapukur Road	...	ditto	...	Articeed clerk.
1099	Bepin Behari	Ultadanga	226, Upper Circular Road	...	ditto	...	Zamindar.
1100	Bisnoo Chandra	Dum-Dum	Nimpta	...	ditto	...	Clerk, Merchant's Office.
1101	Bhuban Mohan	Joynagar	Joynagar	...	ditto	...	Zamindar and Pleader, Diamond Harbour Munsif's Court.
1102	Broja Nath	Watgunge	Lakhi Narayan Ganguli's Gullee	...	ditto	...	Clerk.
1103	Braja Nath	Barasat	Nalcoorah	...	ditto	...	Pensioner.
1104	Charu Chandra	Intally	4, Debi, Intally	...	ditto	...	Clerk.
1105	Charu Chandra	Baliaghatta	Sastitollah Road	...	ditto	...	do.
1106	Dwarka Nath	Bhawanipur	65, Padmapukur Road	...	ditto	...	Cashier.
1107	Durgadas	Ballygunge	118, Kuria Road	...	ditto	...	Clerk.
1108	Girish Chandra	Naihati	Naihati	...	ditto	...	do., Graham and Company, Calcutta.
1109	Gopal Chander	ditto	ditto	...	ditto	...	Independent.
1110	Hem Chandra	Diamond Harbour	Boroni	...	ditto	...	Pleader.
1111	Hem Chandra	Cossipore	Gun Foundry Road	...	ditto	...	Assistant, Messrs. Ralli Brothers.
1112	Hara Kally	Baduria	Arbelia	...	ditto	...	Zamindar.
1113	Iswar Chandra	Baliaghatta	17, Jagar Nath Dutt's Lane	...	ditto	...	Clerk.
1114	Jadub Chandra	Sadar	Chetla	...	ditto	...	Mukhtear.
1115	Jogendra Nath	Joynagar	Joynagar	...	ditto	...	Zamindar.
1116	Jogendra Nath	Basirhat	Basirhat	...	ditto	...	Gantidar.
1117	Jogendra Nath	Cossipore	Shama Ollaran Moitra's Lane	...	ditto	...	Clerk, Cossipore Gun Foundry.
1118	Jogadishwar	Baliaghatta	Sustitollah	...	ditto	...	Clerk, General Post Office.
1119	Jagendra Nath	Naihati	Naihati	...	ditto	...	Independent gentleman.
1120	Kalika Ranjan	ditto	Kona	...	ditto	...	Translator, High Court.
1121	Kailash Nath	ditto	Naihati	...	ditto	...	Land-holder.
1122	Khetter Mohan	Chitpur	4-33, Talabagan	...	ditto	...	Contractor.

NAME.	PLACE OF ABODE.		Race.	Quality or business.
	Thana.	Village road, or street.		
M.				
1123 Mitter, Khetter Nath	Joynagar	Mazilpore	Hindu	Land-holder.
1124 " Kirti Chandra	Naihati	Naihati	ditto	Zamindar.
1125 " Krista Kali	Harowa	Gopalpur	ditto	ditto
1126 " Lal Behari	Alipore	Alipore	ditto	Mukhtear.
1127 " Mohendra Nath	Bhawanipur	58, Chukerbere Road	ditto	Clerk, Comptroller-General's Office.
1128 " Monmotha Nath	ditto	Padmapukur Road	ditto	Vakil, High Court.
1129 " Modun Mohan	Joynagar	Joynagar	ditto	Zamindar.
1130 " Kalibar	Basirhat	Basirhat	ditto	Engineer.
1131 " Khirode Chandra	Chitpur	Talla	ditto	Clerk.
1132 " Nebratan	Joynagar	Joynagar	ditto	Zamindar.
1133 " Nim Chander	Baruipur	Baruipur	ditto	Chukdar.
1134 " Naresh Chander	Habra	Goipur	ditto	Lawyer.
1135 " Purna Chandra	Baliaghatta	Jagar Nath Dutta's Lane	ditto	Clerk.
1136 " Purna Chandra, B.A.,	Baruipur	Baruipur	ditto	Land-holder.
1137 " E.L.				
1137 " Promatha Nath	Ultadanga	226, Upper Circular Road	ditto	Zamindar.
1138 " Protap Chandra	Bhawanipur	Dhobaparab	ditto	Godown-keeper.
1139 " P. N.	Kurryah	209, Lower Circular Road	ditto	Barrister-at-law.
1140 " Rajendro Lal	Cossipore	Shama Charan Moitra's Lane	ditto	Clerk.
1141 " Raj Jogeswar	Bhawanipur	13, Padmapukur Road	ditto	Journalist.
1142 " Raj Oommar	Naihati	Naihati	ditto	Clerk, Cutler, Palmer and Company, Calcutta.
1143 " Rakhal Chandra	ditto	Bazarpara, Halishahar	ditto	Clerk, Railway Workshop.
1144 " Ram Kali	ditto	Chowdhuripara, Halishahar	ditto	Zamindar.
1145 " Ram Taran	Baduria	Arbelia (now Basirhat)	ditto	Schoolmaster.
1146 " Ram Taran	Alipore	Chetla Hat Road	ditto	Muktear.
1147 " Romes Chandra	Bhowanipur	63, Padmapukur Road	ditto	Contractor.
1148 " Rotindra Nath	Baliaghata	Soora Road	ditto	Clerk, Merchant's Office.
1149 " Sarada Chandra	Bhowanipur	Padmapukur Road	ditto	Articled Clerk.
1150 " Sarat Chandra	Garden Reach	Sonai, 2nd Lane	ditto	Clerk, Port Commissioner's Office.
1151 " Sarada Prosad	Baranagar	Sreemonipara Lane, Baranagore	ditto	Broker.
1152 " Shashee Bhushan	Naihati	Naihati	ditto	Trader.
1153 " Srinath	Ultadanga	234, Upper Circular Road	ditto	Nazir, Small Cause Court, Sealdah.
1154 " Saruth Nath	Beliaghatta	Joynarain Tarka Panchanan's Lane	ditto	Land-holder.
1155 " Taraprasanna	Bhawanipur	Padmapukur Road	ditto	Manager of the <i>Bengali</i> .
1156 " Trailakhy Nath	ditto	Kansaripara Lane	ditto	Vakil, High Court.
1157 " Woopendra Gopal	ditto	38, Jalliapara Road	ditto	Pleader, High Court.
1158 " Abinash Chandra	Watgunge	13, Munshatollah	ditto	Clerk, High Court.
1159 " Gonesh Chandra	Baduria	Malangapara	ditto	Zamindar.
1160 " Jogendra Nath	Basirhat	Mirzapur	ditto	ditto.
1161 " Mobima Charan	ditto	ditto	ditto	ditto.
1162 " Moonshi Abdool Hamed	Manicktolla	14, Baher Simla	ditto	Contractor.
1163 " Abdul Hakim	Baniapukur	3, Gobra Road South	ditto	Draftsman.

1164	Akbarali	...	ditto	...	Karya Road	...	Landholder.
1165	Janabally	...	Bhawanipur	...	62, Sankaripara Road	...	Muktear.
1166	Janabally	...	Baniapukur	...	18, Gorachand Road	...	Merchant.
1167	Tafazzuddin Hosein	...	Basirhat	...	Jerakpur	...	Pensioner and Gantidar.
1168	Abduch Homed	...	ditto	...	Sainpala	...	Muktear, Basirhat Court.
1169	Aziz Ahmed	...	Barasat	...	Kazipara	...	Clerk.
1170	Abdar Rahman	...	Ekbalpur	...	47, Diamond Harbour Road	...	Zamindar.
1171	Abdool Sattar	...	Baliaghatta	...	25, North Sealdah Road	...	Merchant.
1172	Din Mahamed	...	Baniapukur	...	18, Gorachand Road	...	ditto.
1173	Ghulam Mowla	...	Barasat	...	Kazipara	...	Pleader, Munsiff's Court, Basirhat.
1174	Habibur Rahman	...	Alipore	...	Chetla	...	Clerk, Alipore Collectorate.
1175	Imadul Huq	...	ditto	...	ditto	...	Clerk.
1176	Morful Huq	...	ditto	...	ditto	...	do.
1177	Khadam Hossein	...	Baliaghatta.	...	Sealdah	...	Head Clerk, Magistrate's Court, Sealdah.
1178	Hanif	...	Baniapukur	...	Tiljola Butcher Khana Road	...	Merchant.
1179	Hassan Ali	...	Intally	...	Middle Road Intally	...	Zamindar.
1180	Hingoo Miah	...	Baniapukur	...	18, Gorachand Road	...	Merchant.
1181	Irfanullah	...	Alipore	...	Gopalnagar	Muhammadan...	Zamindar.
1182	Latif	...	Baniapukur	...	14, Jaunagore Road	ditto	Draftsman
1183	Mohamed Ismile	...	Baliaghatta	...	Soorah Road	ditto	Landlord.
1184	Meharali	...	Ballygunge	...	25, Karaya Road	ditto	Pensioner.
1185	Mohamed Johiruddin	...	Baduria	...	Attay	ditto	Landlord.
1186	Golam Sobhan Khan	...	Ekbalpur	...	66, Komedan Bagan Road	ditto	Merchant.
1187	Mohamed Ibrahim	...	ditto	...	8, Komedan Bagan Lane	ditto	Zamindar.
1188	Amanally	...	ditto	...	Ekbalpur Gully	ditto	Landlord.
1189	Mohamed Mosain	...	Baliaghatta	...	Meah Began	ditto	Zamindar.
1190	Mahmood Buksh	...	Barasat	...	Kazipara	ditto	Landholder.
1191	Mohamed Jan	...	Baliaghatta	...	Chamroo Singh's Lane	ditto	Merchant.
1192	Abdul Aziz	...	Baniapukur	...	13, Jainagar 2nd Lane	ditto	Assistant, Bengal Secretariat.
1193	Motiullah	...	Ballygunge	...	1A, Laskerpara	ditto	Draftsman.
1194	Fuzley Rahaman	...	Baniapukur	...	20, Jaunagore Lane	ditto	ditto.
1195	Sumsodeen	...	Ballygunge	...	8, Kurreen Hossain Dr.'s Lane	ditto	Teacher, Islam Religious School.
1196	Syed Fatehali	...	Tollygunge, Police.	...	Tollygunge	ditto	Clerk, Alipore Collector's Office.
1197	Shaikh Karim	...	Baniapukur	...	18, Gora Chand Road	ditto	Merchant.
1198	Khoda Buksh	...	ditto	...	9, Gora Chand Road	ditto	ditto.
1199	Yeesoof	...	ditto	...	Baniapukur	ditto	Land-holder.
1200	Shaheh Jada Karra-tulain.	...	Garden Reach	...	Sonai	ditto	Independent.
1201	Samsodeen	...	Baniapukur	...	43, Gora Chand Road	ditto	Draftsman, Surveyor-General's Office.
1202	Sonaullah	...	Ballygunge	...	Gurrahat Road	ditto	Pensioner.
1203	Sheikh Woomedali...	...	Baniapukur	...	1, Baniapara Lane	ditto	Merchant.
1204	Aftabuddin	...	ditto	...	Baniapukur	ditto	Peshkar.
1205	Meherali	...	ditto	...	Kirea	ditto	Commissioner, South Suburban Municipality.
1206	Yaseen	...	ditto	...	3, Gobra Road, South	ditto	Draftsman.

NAMES.	PLACE OF ABODE.		Race.	Quality or business.
	Thana.	village, road or street.		
M.				
1207	Moonsbi	Hasmatally	...	Muhammadan...
1208	"	Khodabux	...	ditto.
1209	"	Bhodia Jumma	...	ditto.
1210	"	Reajuddin	...	Land-holder.
1211	"	Sateowry Sarkar	...	Merchant.
1212	"	Meherally	...	Assistant in the Office of the Superintendent Government Printing.
1213	"	Tomujudee	...	Pensioner.
1214	"	Abder Rohim	...	Clerk.
1215	"	Abal Khair	...	Land-holder.
1216	"	Tamizuddin Ahmed	...	Clerk.
1217	"	Affahuddin	...	Peshkar, High Court.
1218	"	Golam Kibriah	...	Merchant.
1219	"	Golamquadir Jilan	...	Clerk, High Court.
1220	"	Maula Buksh	...	Draftsman.
1221	"	Aminuddin Ahmed	...	Road Overseer, Calcutta Municipality.
1222	"	Enyeth	...	Clerk, Honorary Magistrate, Sealdah Court.
1223	"	Abdul Hamed	...	Draftsman, Surveyor-General's Office.
1224	"	Golam Rasool	...	Draftsman.
1225	Prince Daraga Bahadur		...	Pensioner.
1226	Mirza Mohamed Mokim		...	Oudh Family.
1227	" Asmanjah Bahadur		...	Political Pensioner of ex-King of Oudh Family.
1228	Ahmed Nyemaddin		...	Private servant.
1229	" Shah Shahebzada		...	Independent.
1230	Haji Hossain Ismail		...	Government Promissory Note Merchant.
1230 ^a	Mirza Mohamed Hossein		...	Richman.
1231	Mahomed Isa		...	Librarian, Madrassa.
1232	Syed Tajamal Hossain		...	Translator.
1233	M. Abdur Rohim		...	Teacher, Madrassa.
1234	Rohim, Abdur		...	Zamindar.
1235	Shahibzada Mahomed Ali		...	Independent.
1236	Ilahi Buksh		...	Clerk, High Court.
1237	Golam Kuder Julani		...	ditto.
1238	Shahibzada Mohamed Mah-mood Shah.		...	Member of the Mysore Family.
1239	Shahibzada Aliasghar alias Jhingus Shaheb.		...	Independent.
1240	Shahibzada Mahamed Huri-nuz.		...	Member of the Mysore Family.

1241	Shahibzada Mohamed uddin.	Fyaz-	Bengal Police	...	Shahanagore	...	ditto	...	ditto.
1242	Warisali Khan	...	Tollygunge	...	Rassapaglia	...	ditto	...	Member of the Mysore Family.
1243	Maulvi Abdur Rashid	...	ditto	...	Tollygunge	...	ditto	...	Private tutor.
1244	" Badaruddin Haider	...	Baliaghata	...	Sealdah	...	ditto	...	Head-clerk and Interpreter, Calcutta Police Court.
1245	" Meherullah	...	ditto	...	Kalimuddin Sirkar's Lane	...	ditto	...	Land-holder.
1246	" Syed Ozibolla	...	Ballygunge	...	22, Kuria Road	...	ditto	...	Teacher, Madrasa College.
1247	" Syed Ali Hafez	...	Bhawanipur	...	68, Kasaripara Road	...	ditto	...	Translator.
1248	" Furrook Hossain	...	Alipore	...	Chetla Hat Road	...	ditto	...	Pleader.
1249	" Gous Mahomed	...	Baniapukur	...	6, Hatibagan Road, North	...	ditto	...	Merchant.
1250	Moitra, Amrito Lal	...	Baranagore	...	Baranagore	...	Hindu	...	Clerk, Accountant-General's Office.
1251	" Chunder Kumar	...	Barrackpore	...	Monirampur.	...	ditto	...	Professor, Sanskrit College, Calcutta.
1252	" Sarat Chandra	...	Cossipore	...	Rutton Babu's Road	...	ditto	...	Teacher.
1253	Mozumdar, Annoda Prosad	...	Naihati	...	Naihati	...	ditto	...	Independent.
1254	" Barada Prosad	...	Bhawanipur	...	Sankaripara	...	ditto	...	Clerk, Commissioner's Office, Presidency Division.
1255	" Benode Behari	...	Naihati	...	Naihati	...	ditto	...	Clerk, Paper Currency Office, Calcutta.
1256	" Bejoy Krishna	...	ditto	...	Garifa	...	ditto	...	Clerk.
1257	" Chandra Nath	...	Intally	...	25, Tengra Road	...	ditto	...	Zamindar.
1258	" Chunder Kanto	...	Alipore	...	Gopalnagar Lane	...	ditto	...	Pleader, Judge's Court.
1259	" Girija Sankar	...	Bhawanipur	...	20, Sankaripara Road	...	ditto	...	Vakil, High Court.
1260	" Indoo Bhushan,	...	Baranagar	...	Baranagar	...	ditto	...	Pleader, Judge's Court.
1261	" Hem Chandra	...	Naihati	...	Baidyapara Halisahar	...	ditto	...	Accountant.
1262	" Jadu Nath	...	Sonarpur	...	Elachi	...	ditto	...	Land-holder.
1263	" Hari Mohan	...	Basirhat	...	Bhawanipur	...	ditto	...	Muktear, Basirhat Court.
1264	" Kalibar	...	ditto	...	Basirhat	...	ditto	...	ditto.
1265	" Nibaran Chundra	...	Bhawanipur	...	19, Ram Mohan Dutt's Lane	...	ditto	...	Clerk, Attorney's Office.
1266	" Prio Nath	...	Kulpi	...	Ghatterwar	...	ditto	...	Land-owner.
1267	" Prosanna Kumar	...	Naihati	...	Naihati	...	ditto	...	Land-holder.
1268	" Rajendra Nath	...	Basirhat	...	Debhog	...	ditto	...	Zamindar.
1269	" Syama Prasanna	...	Bhawanipur	...	Chaulpati Road	...	ditto	...	Pleader.
1270	" Syama Charan	...	Cossipore	...	Cossipore	...	ditto	...	Assistant, Satkhira estate.
1271	" Shiddheswar	...	Ultadanga	...	227-40, Upper Circular Road	...	ditto	...	Telegraph Master, Eastern Bengal State Railway, Sealdah.
1272	Madak, Moti Lal	...	Naihati	...	Naihati	...	ditto	...	Clerk, Railway Office, Naihati.
1273	Mukerji, Abhay Charan	...	Bhawanipur	...	59, Balaram Basu's Lane	...	ditto	...	Independent.
1274	" Abinash Chandra	...	ditto	...	15, Nakuleshwartala Lane	...	ditto	...	Clerk, Railway Office.
1274A	" Abinash Chandra	...	Baniapukur	...	1, Dehi Serampore Road	...	ditto	...	Merchant.
1275	" Abinash Chandra	...	Naihati	...	Katalpara	...	ditto	...	Clerk, Government Office, Calcutta.
1276	" Aghore Nath	...	Waingunge	...	3, Ram Komal Mukerji's Street	...	ditto	...	Joint-Collector, Calcutta Municipality, and Licentiate in Medicine and Surgery.
1277	" Aghore Chandra	...	Intally	...	9-1, Palmer's Bazar Road	...	ditto	...	Clerk
1278	" Aghore Nath	...	Bhawanipur	...	Kansaripara Road	...	ditto	...	Clerk, High Court.
1279	" Akhay Kumar	...	Tollygunge	...	Mohestola	...	ditto	...	Clerk.

M	NAMES,	PLACE OF ABODE.		Race.	Quality or business.
		Thana.	Village, road or street.		
1280	Mukerjee, Ambica Charan	Budge-Budge	Nangi	Muhammadan...	Land-holder.
1281	" Ambica Charan	Khardaha	Natagore	ditto	Accountant, 24-Parganas, Police Office.
1282	" Amica Charan	Sonapur	Rajpur	Hindu	Pleader.
1283	" Anadi Charan	Tollygunge	4, Shahanagar Lane	ditto	Pundit, Sanskrit College.
1284	" Ananda Charan	Alipore	Chetla	ditto	Teacher, Reformatory School, Alipore.
1285	" Ananda Prosad	Ulkingi	3, Bhairab Mukerjee's Lane	ditto	Land-holder.
1286	" Ananda Prasanna...	Habra	Gobardanga	ditto	Zamindar.
1287	" Ashutosh	Bhawanipur	Rassa Road	ditto	Vakil, High Court.
1288	" Atul Chandra	ditto	57, Bakulbagan Road	ditto	Pleader, Small Cause Court, Calcutta.
1289	" Atul Kumar	Naihati	Kona	ditto	Landholder.
1290	" Beni Kanto	Barasat	Barasat	ditto	Pleader, Munsif's Court, Barasat.
1291	" Baidya Nath	ditto	Nalkura	ditto	Pensioner.
1292	" Bhagaban Chandra,	Watganj	Ram Kamal Mukerjee's Street	ditto	Pleader.
1293	" B.L.	Bhawanipur	10, Surji Kumar Chatterjee's Lane	ditto	Clerk.
1294	" Benimadhab	Sadar	Behala	ditto	Clerk in the office of W. O. Bonnerjee, Barrister.
1295	" Bejoy Nath	Watgang	Ram Comal Mukerjee's Streets	ditto	Overseer.
1296	" Bidhu Bhushan	Sadar	Laskarpur	ditto	Pleader, Judge's Court.
1297	" Bhusan Chander	Pabra	Goipur	ditto	Pleader.
1298	" Bhusan Chandra	Intally	Samhhu Babu's Lane	ditto	Pleader, Judge's Court.
1299	" Bhutnath, B.L.	Baranagar	Belgharia	ditto	ditto
1300	" Chandi Charan alias Nakur Chandra.	Tollygunge	Barisa	ditto	Clerk.
1301	" Charanjeeb	Bhawanipur	154, Rassa Road (South)	ditto	Landlord.
1302	" Dina Nath	Intally	6, Samhhu Babu's Lane	ditto	Clerk.
1303	" Dino Nath	Dum-Dum	Kadihati	ditto	Pensioner and Landholder.
1304	" Dhanindra Nath	Basirhat	Basirhat	ditto	Government Servant.
1305	" Dhurma Das	Bhawanipur	16, Iswar Chandra Ganguli's Lane	ditto	Pensioner.
1306	" Ganendra Nath	Diamond Harbour	Diamond Harbour	ditto	Pleader, Diamond Harbour.
1307	" Ghansyam	Khardaha	Ghola	ditto	Landholder, Builder, Contractor.
1308	" Grish Chandra	Bhawanipur	Balaram Bose's 1st Lane	ditto	Pensioner Munsif's.
1309	" Grish Chander	Baruipur	Baruipur	ditto	Pleader, Munsif's Court.
1310	" Grish Chandra	Naihati	Bhatpara	ditto	Pleader, Hooghly Judge's Court.
1311	" Gopal Chandra	Tollygunge	Sarsuna	ditto	Clerk, Military Department.
1312	" Gopal Chandra	Naihati	Kantalpara	ditto	Clerk, E. B. S. Railway.
1313	" Gopal Chandra	Habra	Gobardanga	ditto	Municipal Commissioner.
1314	" Gopal Chandra	Bhawanipur	Hazra Road, Beltala, Nos. 72-73	ditto	Clerk, Road Cess Office.
1315	" Gopal Chandra	Watgang	21, Garbari Road	ditto	Clerk, Government Dockyard.
1316	" Gopal Chandra	Habra	Gobardanga	ditto	Trader.

1317	Mukerjee	Gopal Chandra	Intally	...	6, Sambhu Babu's Lane	...	ditto	...	Clerk.
1818	"	Hara Dhan	Tollygunge, Police.	...	Behala	Bengal	ditto	...	do.
1819	"	Harendra Nath	Bhawanipur	...	Kalighat Road	...	ditto	...	Vakil, High Court.
1820	"	Haran Chandra	ditto	...	14, Sankaripara Road	...	ditto	...	Clerk.
1821	"	Hari Sahaya	Barasat	...	Bamanmura	...	ditto	...	Clerk, Merchant's Office.
1822	"	Hem Chandra	Watung	...	Bisu Babu's Lane	...	ditto	...	Clerk.
1823	"	Harish Chandra	Baliaghata	...	Talpukur Road	...	ditto	...	Clerk, Alipore, 24-Parganas.
1824	"	Jadub Chandra	Watung	...	2, Bisu Babu's Lane	...	ditto	...	Contractor.
1825	"	Jadu Nath	Bhawanipur	...	22, Sankaripara Lane	...	ditto	...	Pleader, High Court.
1826	"	Jadu Nath	Khardaha	...	Behala	...	ditto	...	Retired Railway Store-keeper.
1827	"	Jadu Nath	Tollygunge	...	Barasat	...	ditto	...	Clerk, East Indian Railway.
1828	"	Jadu Nath	Barasat	...	Barasat	...	ditto	...	Pleader, Barasat.
1829	"	Jogendra Nath	Intally	...	9, Palmer's Bazar Road	...	ditto	...	Clerk.
1830	"	Jogendra Nath	Watung	...	Ram Kamal Mukherjee's Street	...	ditto	...	Contractor.
1831	"	Jogendra Nath	Bhawanipur	...	9, Chaulputi Road	...	ditto	...	Clerk, South Suburban Municipality.
1832	"	Janaki Nath	ditto	...	53, Sankaripara Road	...	ditto	...	Lawyer.
1833	"	Kala Chand	Sonapur	...	Boral	...	ditto	...	Zamindar.
1834	"	Kali Mohan	Kulpi	...	Singeswar	...	ditto	...	Landowner.
1835	"	Kali Nath	Dum-Dum	...	Kadihati	...	ditto	...	Pensioner and Landholder.
1836	"	Kanti Chandra	Ballygunge	...	35-4, Padmapukur Road	...	ditto	...	Clerk.
1837	"	Kanti Chandra	Tollygunge	...	Sarsuna	...	ditto	...	Independent.
1838	"	Kanti Chandra	Intally	...	6, Sambhu Babu's Lane	...	ditto	...	Clerk.
1839	"	Karuna Shindhu	Bhawanipur	...	84, Kansaripara	...	ditto	...	Pleader, High Court.
1840	"	Kedar Nath	ditto	...	Padmapukur	...	ditto	...	Pensioner.
1841	"	Kasi Nath	Khardaha	...	Behara	...	ditto	...	Cashier, Public Works Department.
1842	"	Khagendra Nath	Watung	...	8, Padmapukur Street, Kidderpore	...	ditto	...	Clerk.
1843	"	Khelat Chandra	ditto	...	2, Bisu Babu's Lane	...	ditto	...	Zamindar.
1844	"	Khetro Mohan	Bhawanipur	...	Kalighat, Halderpara	...	ditto	...	Pleader, Judge's Court.
1845	"	Krishna Dhan	Tollygunge	...	Mahestola	...	ditto	...	Clerk.
1846	"	Kunja Lal	Naihati	...	Mulajore	...	ditto	...	Peshkar and Naib of Maharaja Jotindra Mohan Tagore.
1847	"	Kunja Lal	Bhawanipur	...	Gobinda Bose's Lane	...	ditto	...	Teacher, South Suburban School.
1848	"	Lally Mohan	ditto	...	15, Sankaripara Road	...	ditto	...	Clerk, Army Clothing Agency.
1849	"	Mahendra Nath	ditto	...	Sikdarpara	...	ditto	...	Tradesman.
1850	"	Mahendra Nath	Bankipore	...	Ghatakpur	...	ditto	...	Land-owner.
1851	"	Mahendra Nath	Khardaha	...	Panihati	...	ditto	...	Supervisor in the Office of Examiner of Ordnance.
1852	"	Mahendra Nath	Bhawanipur	...	22, Sankaripara Road	...	ditto	...	Clerk.
1853	"	Mahendra Nath	ditto	...	15, Bakul Bagan 2nd Lane	...	ditto	...	do.
1854	"	Makham Lal	Intally	...	Sambhu Babu's Lane	...	ditto	...	Teacher.
1855	"	Mati Lal	Barrackpore	...	Manirampur	...	ditto	...	Head Clerk, Executive Engineer's Office, Barrackpore.
1856	"	Mati Lal	Naihati	...	Kantalpara	...	ditto	...	Teacher, Bhatpara School.
1857	"	Nagendra Nath	Tollygunge ban.	...	3, Gopal Chandra Banerjee's Lane	Subur-	ditto	...	Clerk, Bengal Office.

NAMES.	PLACES OF ABODE.		Place.	Quality or business.
	Thana.	Village, road, or street.		
1358 Mukerjee, Nanda Lal	Bhawanipur	27, Madhab Cuatterjee's 1st Lane	Hindu	Clerk, Bengal Office.
1359 " Nibaran Chandra ...	ditto	68, Balaran Bosu's Ghat Road	ditto	Pleader.
1360 " Nibaran Chandra ...	Naihati	Bunoghatta, Halishahar	ditto	Clerk, Military Accounts Dept., Examiner's Office, Calcutta.
1361 " Nibaran Chandra ...	Baliaghata	Haramohan Ghose's Lane	ditto	Clerk, Campbell Hospital.
1362 " Nilmani, B.L.	Watung	Sastitola Road	ditto	Pleader.
1363 " Nilkamal	Baniapukur	29, Baniapukur Road	ditto	Zamindar.
1364 " Nilkanta	Khardaha	29, Baniapukur	ditto	Pleader, Judge's Court.
1365 " Nirad Nath	Baniapukur	Ichhapur	ditto	Zaminfar.
1366 " Nirmal Chandra	Nawabgung	Belgharia	ditto	Dealer in Jute.
1367 " Nabin Chandra	Baranagar	227-35, Upper Circular Road	ditto	Pleader, Small Cause Court, Sealdah.
1368 " Onil Chandra	Ultodanga	ditto	ditto	Bench Clerk, High Court.
1369 " Opini Chandra	ditto	30, Gobinda Ghosal's Lane	ditto	Clerk, Eastern Bengal State Railway.
1370 " Panchanan	Bhawanipur	Telipara Lane	ditto	Land-holder.
1371 " Pyari Lall	ditto	Behala	ditto	Pleader, Judge's Court.
1372 " Prio Nath	Tollygunge	Kalighat	ditto	Clerk.
1373 " Prabhat Chandra	Bhawanipur	26, Padmapukur West Lane	ditto	Muharrir, 2nd Munsif's Court.
1374 " Pran Krishna	Watungge	Ramkamal Mukerjee's Street	ditto	Clerk.
1375 " Profulla Chandra	ditto	Ram Mohan Dutt's Lane	ditto	Contractor.
1376 " Pramatha Nath	Bhawanipur	Rassapugla Road	ditto	Pleader, Judge's Court.
1377 " Radhika Prasad	ditto	Maheswarpur	ditto	Pensioner.
1378 " Radhika Nath	Barasat	Ramkamal Mukerji's Street	ditto	Clerk, Bengal Bank.
1379 " Rakhal Chandra	Watungge	Goostia	ditto	Contractor.
1380 " Rakhal Chandra	Barasat	15, Sintie Shibtala Road	ditto	Pleader, Munsif's Court, Barasat.
1381 " Ram Kali	Baranagar	Champapukur	ditto	Clerk, Merchant's Office.
1382 " Ram Nath	Basirhat	Madhu Sudan Acharjee's Lane	ditto	Gantidar.
1383 " Ram Das	Chitpur	4, Nepal Bhattacharjee's Lane	ditto	Clerk, Bengal Secretariat Office.
1384 " Rishikesh	Tollygunge	129-30, Maniktala Road	ditto	High Court Muktear.
1385 " Rasik Lal	Maniktala	Bhatpara	ditto	Money-lender.
1386 " Rup Das	Naihati	Naihati	ditto	Clerk, Merchant's Office.
1387 " Sarat Chundra	Naihati	Barisa	ditto	Trader.
1388 " Sasadhar	Tollygunge	Gobardanga	ditto	Independent.
1389 " Sastibar	Habra	Behala	ditto	Dewan to the Gobardanga Zamindar.
1390 " Santash Prasad	Sadar	Kansaripara	ditto	Assistant, Accountant-General's Office.
1391 " Syama Charan	Bhawanipur	Barasat	ditto	Pleader, Munsif's Court.
1392 " Syama Charan	Barasat	Kantalpara	ditto	Muktear, Barasat.
1393 " Sidheswar	Naihati	Chingrighata Road	ditto	Clerk, General Post Office.
1394 " Sidheswar (Bidya-ratna).	Intally	...	ditto	Pundit.
1395 " Sita Nath	Naihati	Khasbati Halishahar	ditto	Clerk.
1396 " Srihari, B.L.	Watungge	Munshitala	ditto	Pleader, Judge's Court.

1397	"	Shish Chundra	...	Bhawanipur	...	Chakraber Road	...	ditto	...	Clerk, Bengal Bank.
1398	"	Satish Chandra	...	Naihati	...	Kantalpara	...	ditto	...	Clerk, Hooghly Collectorate.
1399	"	Shasi Bhushan	...	Tollygunge	...	131, Tollygunge Road.	...	ditto	...	Editor, <i>National Guardian</i> .
1400	"	Shasi Bhushan	...	ditto	...	Behala	...	ditto	...	Clerk, East Indian Railway.
1401	"	Sasadhar	...	Cossipore	...	Ratan Babu's Road	...	ditto	...	Assistant, Narail Estate.
1402	"	Surendra Nath	...	Bhawanipur	...	33, Gobinda Ghosal's Lane	...	ditto	...	Clerk.
1403	"	Surendra Nath	...	Cossipore	...	Ratan Babu's Road	...	ditto	...	Landholder.
1404	"	Surendra Nath	...	Naihati	...	Kantalpara	...	ditto	...	Clerk, Government Office.
1405	"	Syama Lal	...	ditto	...	Rawta	...	ditto	...	Zamindar.
1406	"	Syamlal	...	Bhawanipur	...	Kansaripara Road	...	ditto	...	Independent.
1407	"	Timkari	...	Barasat	...	Badu	...	ditto	...	Contractor.
1408	"	Thakurdas	...	Khardaha	...	Natore	...	ditto	...	Assistant Inspector of Jails, Bengal.
1409	"	Thakurdas	...	Watgung	...	Ramkamal Mukerjee's Street	...	ditto	...	Clerk.
1410	"	Tara Prasanna	...	Maniktala	...	1, Kali Nath Banerjee's Lane	...	ditto	...	Zamindar.
1411	"	Ambica Charan	...	Bhawanipur	...	42, Kansaripara Road	...	ditto	...	Clerk, Attorney's Office.
1412	"	Upendra Nath	...	ditto	...	Jelapara Road	...	ditto	...	Pleader, Judge's Court.
1413	"	Upendra Nath	...	Chitpur	...	Barrackpore Trunk Road, Tala	...	ditto	...	Landholder.
1414	"	Woomesh Chandra	...	Watgung	...	7, Padmapukur Square	...	ditto	...	Clerk.
1415	"	Wooma Charan	...	Naihati	...	Khasbati	...	ditto	...	Independent.
1416	"	Woomesh Chandra	...	Bhawanipur	...	1, Kalighat 3rd Lane	...	ditto	...	Zamindar.
1417	"	Annada Prasad	...	Watgung	...	15, Bisu Babu's Lane	...	ditto	...	Dewan, Bhukylas Estate.
1418	"	Debendra Nath	...	ditto	...	15, Padmapukur Street	...	ditto	...	Zamindar.
1419	"	Uma Kali	...	ditto	...	18, ditto	...	ditto	...	Pleader, High Court.
1420	"	Bhut Nath, Bengal Police.	...	Tollygunge	...	Behala	...	ditto	...	Clerk, Accountant-General's Office.
1421	"	Nabin Chandra	...	ditto	...	do.	...	ditto	...	Pensioner.
1422	"	Pralhad Chandra	...	ditto	...	Sarsuna	...	ditto	...	Clerk.
1423	"	Prio Nath	...	Harowa	...	Khalsati	...	ditto	...	Ganfidar.
1424	"	Rakhal Chandra, Bengal Police.	...	Tollygunge	...	Sarsuna	...	ditto	...	Clerk.
1425	"	Sarada Prasad	...	Baduria	...	Baduria	...	ditto	...	Schoolmaster.
1426	"	Sasi Bhushan, Bengal Police.	...	Tollygunge	...	Barisa	...	ditto	...	Clerk.
1427	"	Sasi Bhushan	...	ditto	...	Behala	...	ditto	...	do.
1428	"	Jagabandhu	...	Bhawanipur	...	1, Balaram Bosu's 2nd Lane	...	ditto	...	Clerk, Pay Examiner's Office.
1429	"	Mahendro Nath	...	Watgunge	...	Padmapukur	...	ditto	...	Pleader, Judge's Court.
1430	"	Prasanna Kumar	...	Sonarpur	...	Harinavi	...	ditto	...	Clerk.
1431	"	Radha Kanta	...	Intally	...	14, Onraet's 1st Lane	...	ditto	...	do.
1432	"	Radha Madhab	...	do.	...	ditto	...	ditto	...	do., Public Works Department.
1433	"	Radha Gobinda	...	Bhawanipur	...	4, Balaram Bosu's Lane	...	ditto	...	Clerk.
1434	"	Radha Raman	...	Intally	...	14, Onraet's 1st Lane	...	ditto	...	do.
1435	"	Mauna, Darpa Narayan	...	Naihati	...	Mukerjipara Halishar	...	ditto	...	Zamindar and Municipal Commissioner.
1436	Nag, Kailash Chandra	...	Baliaghata	...	22, Garpar Road	...	...	ditto	...	Landholder.
1437	"	Kalibar	...	Dum-Dum	...	Nagar Bazar	...	ditto	...	do., and Trader.

NAMES.	PLACE OF ABODE.		Race.	Quality or business.
	Thana.	Village, road, or street.		
N				
1438 Nag, Srikrishna	Bhawanipur	Jeliapara	Hindu	...
1439 Chaudhuri, Abinash/ Chandra	Baduria	Taragonia	ditto	Pleader, Munsif's Court.
1440 " Rakhal Das	ditto	ditto	ditto	Landholder.
1441 " Berada Charan,	ditto	Arbelia	ditto	Schoolmaster.
1442 Nag Chaudhuri, Radha Ra-	ditto	ditto	ditto	Zamindar.
1443 " Surendra	ditto	ditto	ditto	Pleader, Munsif's Court, Diamond Harbour.
1444 Chaudhuri, Akhay Kumar	Kulpi	Ghateswara	ditto	Landholder.
1445 " Benod Behari	Habra	Goipur	ditto	...
1446 " Bamapada	Bhawanipur	Mahes Chaudhuri's Lane	ditto	Pleader, Judge's Court.
1447 " Bhuban Chandra..	ditto	19, Pipulpati Road	ditto	Private servant.
1448 " Boikanta Nath	Khardaha	Rohora	ditto	ditto.
1449 " Debendra Nath	Watgung	Padmapukur Street	ditto	Zamindar.
1450 " Girish Chandra	Bhawanipur	Kalighat Road	ditto	Landholder.
1451 " Kalipada	ditto	Rammohan Dutt's Lane	ditto	Pleader.
1452 " Kunja Behari	ditto	Strand Road	ditto	Vakil, High Court.
1453 " Noneddra Nath	Khardaha	Rohora	ditto	Pleader, Judge's Court.
1454 " Radha Ballav	Baduria	Kudrapur	ditto	Engineer.
1455 " Rajendra Nath	ditto	Arbelia	ditto	Zamindar.
1456 " Tarapodo, M.A., B.L.	Bhawanipur	Mahesh Ch. Chaudhuri's Street	ditto	Landholder.
1457 " Roma Nath	Baniapukur	71, Hatibagan Road, South	ditto	ditto.
1458 " Rajendra Nath	Cossipore	Chasadhobapara Lane	ditto	Pleader, High Court.
1459 " Sris Chandra, B.A.,	Bhawanipur	1, Mahes Chaudhuri's Lane	ditto	Independent.
B.L.				
1460 " Syama Charan	Baduria	Rudrapur	ditto	Clerk, Englishman Office.
1461 " Suresh Chandra	Bhawanipur	Mohesh Ch. Chaudhuri's Lane	ditto	Vakil, High Court.
1462 Nath, Girish Chandra	ditto	21, Pipulpati Road	Christian	Landholder.
1463 " Madhab Chandra	Maniktola	8, Garbari Lane	Hindu	Pleader, Judge's Court.
1464 Neogi, Chandra Kumar	Barrackpore	Dhetara	ditto	Clerk.
1465 " Kedar Nath	Ultadanga	15, Mohan Lal Mitter's Lane	ditto	do.
1466 " Mahendra Nath	Intally	16, ditto	ditto	Cashier and Municipal Commissioner.
1467 " Ashutosh	do.	16, Onraet's 1st Lane	ditto	Zamindar.
1468 " Sri Nath	Belliaghata	ditto	ditto	ditto.
1469 " Tarak Nath	Naihati	Churackdanga Lane	ditto	Clerk.
1470 Nandi, Nkur Chandra	...	Naihati	ditto	do.
1471 Naskar, Ram Krishna	...	Baliaghata Road	ditto	Clerk, Agra Bank.
P				
1472 Pal, Abinash Chandra	...	Garbari Lane	ditto	Clerk, Jute Mill.
1473 " Amrita Lal	...	2, Sambha Babu's Lane	ditto	Landholder.
				Shop-keeper.
				Clerk, Bengal Office.

1474	"	Beni Madhab	Cossipore	...	Uttarpara	...	ditto	...	Merchant.
1475	"	Brindaban Chandra	Bhawanipur	...	104, Kansaripara	...	ditto	...	Clerk.
1476	"	Hem Chandra	Intally	...	2, Sambhu Babu's Lane	...	ditto	...	do.
1477	"	Jageswar	Debipur	...	Balganga	...	ditto	...	Landholder.
1478	"	Kaipada	Intally	...	11, Ouraet's 1st Lane	...	ditto	...	Clerk.
1479	"	Mati Lal	Maniktolah	...	1-4, Ultadanga Junction Road	...	ditto	...	Merchant.
1480	"	Mahendra Nath	Cossipore	...	Uttarpara	...	ditto	...	Kabiraj.
1481	"	Mahendra Nath	Ekbalpur	...	18, Diamond Harbour Road	...	ditto	...	Clerk, Judge's Court, Alipur.
1482	"	Mahendra Nath	Cossipore	...	Syama Charan Maitra's Lane	...	ditto	...	Merchant.
1483	"	Prabodh Chandra	Intally	...	2, Sambhu Babu's Lane	...	ditto	...	ditto.
1484	"	Sasi Bhushan	Sadar	...	Mudiali	...	ditto	...	Pleader, District Judge's Court, Alipore.
1485	"	Samya Charan	Cossipore	...	Uttarpara Road	...	ditto	...	Landlord.
1486	"	Trailakhya Nath	Watgunge	...	Circular Garden Reach Road	...	ditto	...	Pleader.
1487	"	Pandit, Rakhal Chandra Tewari.	Naihati	...	Naihati	...	ditto	...	Merchant.
1488	"	Sankar Nath	Alipore	...	Chetla	...	ditto	...	Pleader, Munsif's Court, Diamond Har-
1489	"	Palit, Amirta Lal	Bhawanipur	...	58, Sambhu Nath Pandit's Street	...	ditto	...	bour.
1490	"	Patra, Mahendra Narayan	Intally	...	71, Anando Gopal Palit's Road	...	ditto	...	Pleader.
1491	"		Kulpi	...	Belpukuria	...	ditto	...	Landholder.
1492	Ray, Annoda Mohun, M.A.	Bhawanipur	Chakrabere Road, South	...		...	ditto	...	Zamindar.
1493	"	Ambica Charan	Diamond Harbour	...	Sarisa	...	ditto	...	Independent gentleman.
1494	"	Amirta Lal	Naihati	...	Garifa	...	ditto	...	Muktear, Diamond Harbour, Criminal Court.
1495	"	Raja Borodakanto	Baduria	...	Khorgachhi	...	ditto	...	Editor, Hope, Calcutta.
1496	"	Beni Madhab	Bhawanipur	...	Shikdarpara Lane	...	ditto	...	Landholder.
1497	"	Bipin Behari	Naihati	...	Bhatpara	...	ditto	...	Muharrir, Sub-Judge's Court.
1498	"	Bhuban Mohan	Tollygunge	...	Barisa	...	ditto	...	Municipal Commissioner.
1499	"	Bisseswar	Intally	...	4, Tangra Road	...	ditto	...	Zamindar.
1500	"	Basanto Kumar	Alipore	...	Gopalnagar Road	...	ditto	...	Timber Merchant.
1501	"	Chandra Nath	Baduria	...	Pura	...	ditto	...	Pleader, Judge's Court.
1502	"	Chandra Kanta	Bhawanipur	...	30, Chandra Nath Chatterjee's Street	...	ditto	...	Zamindar.
1503	"	Kumar Daulat Chandra.	Cossipore	...	Barrackpore Trunk Road	...	ditto	...	Clerk, Medical Store.
1504	"	Dino Nath	Naihati	...	Sarkarpara Halisahar	...	ditto	...	Zamindar.
1505	"	Gobinda Ch.	Bhawanipur	...	100, Kalighat Road	...	ditto	...	Municipal Commissioner.
1506	"	Gobinda Chandra	Chitpur	...	7, Barrackpore Trunk Road	...	ditto	...	Clerk, Calcutta Municipality.
1507	"	G. C., Esq.	Baliaghatta	...	Sasitala Road	...	ditto	...	Zamindar.
1508	"	Girija Bhushan	Kidderpore	...	Padmapukur	...	ditto	...	Assistant Comptroller-General.
1509	"	Girish Chandra	Naihati	...	Golabati Halisahar	...	ditto*	...	Pleader, Munsif's Court.
1510	"	Hara Kumar	Chitpur	...	Belgachhia	...	ditto	...	* Municipal Commissioner, Naihati Muni-
1511	"	Hari Prasad	Bhawanipur	...	Chaulpati Lane	...	ditto	...	cipality; Head-Clerk and Cashier.
1512	"	Hari Charan	Tollygunge	...	Chota	...	ditto	...	Contractor.
1513	"	Haridas	Bhawanipur	...	7, Bakul Bagan Road	...	ditto	...	Landholder.
1514	"	Hari Narayan	Barasat	...	Ghola	...	ditto	...	Clerk.
				...		...		...	Independent.
				...		...		...	Zamindar's Agents.

NAMES.		Thana.		Village, road, or street.		Race.		Quality or business.	
R									
1515	Ray Kamikha Nath	Watung	...	Monshatala Lane	...	Christian	...	Clerk.	...
1516	" Jodu Nath	Baliaghata	...	2, Charakdanga Lane	...	Hindu	...	do., Eastern Bengal State Railway.	...
1517	" Joges Chandra	Bhawanipur	...	Rassa Road	...	Christian	...	Vakil, High Court.	...
1518	" Jageswar	ditto	...	Goaltuli Road	...	Hindu	...	Pleader, Judge's Court.	...
1519	" Joy Gopal	Alipore	...	Gopalnagar Road	...	ditto	...	Muktear.	...
1520	" Jogobandhu	Ballygunge	...	15, Uhuberia 1st Lane	...	ditto	...	Zamindar.	...
1521	" Kali Kumar	Bhawanipur	...	9, Haldarpara Road	...	ditto	...	Teacher.	...
1522	" Kali Prasanna	Barasat	...	Kubirpur	...	ditto	...	Pensioner.	...
1523	" Kamini Mohan	Bhawanipur	...	Potitanda's Lane	...	ditto	...	Clerk, High Court.	...
1524	" Kartik Chandra	Cossipore	...	Barrackpore Trunk Road	...	ditto	...	Zamindar.	...
1525	" Kedar Nath	Alipore	...	14, Gopal Nagar Road	...	ditto	...	Sarishtadar, Sub-Judge's Court.	...
1526	" Kedar Nath	Basirhat	...	Sainpala	...	ditto	...	Muktear, Basirhat.	...
1527	" Kisori Mohan	Ballygunge	...	26, Ballygunge Circular Road	...	ditto	...	Pleader, High Court, and Zamindar.	...
1528	" Kisori Mohan	Intally	...	13, Padmapukur Lane	...	ditto	...	Clerk, Currency Office.	...
1529	" Krishna Kisor	Dum-Dum	...	Shola	...	ditto	...	Land-holder.	...
1530	" Madhusudan	Naihati	...	Barendragati Halishar	...	ditto	...	Zamindar.	...
1531	" Moti Lal	Chitpore	...	Tala	...	ditto	...	Timber Merchant.	...
1532	" Prio Nath	Harowa	...	Kholosoddi	...	ditto	...	School Master.	...
1533	" Pulin Behari	Cossipore	...	Cossipore Ghat Road	...	ditto	...	Zamindar.	...
1534	" Raj Narayan	Baliaghata	...	15, Upper Circular Road	...	ditto	...	Clerk, Bank of Bengal.	...
1535	" Raj Kumar	Cossipore	...	Cossipore Ghat Road	...	ditto	...	Zamindar.	...
1536	" Raj Kumar	Naihati	...	Naihati	...	ditto	...	Clerk, East Indian Railway Office, Calcutta.	...
1537	" Raja Rajendra Nath	Baduria	...	Khorgachhi	...	ditto	...	Land-holder.	...
1538	" Ram Lal	Bhawanipur	...	6, Bani Madhab Nundun's 2nd Lane	...	ditto	...	Cashier, <i>Indian Daily News</i> Office.	...
1539	" Ram Lal	Chitpur	...	Prankissen Mookherjee's Ghat Lane	...	ditto	...	Tradesman.	...
1540	" Rash Behari	Alipore	...	Gopal Nagar Lane	...	ditto	...	Clerk, Army Clothing Agency.	...
1541	" Sarat Chandra	Basirhat	...	Basirhat	...	ditto	...	Pleader, Basirhat Munsif's Court.	...
1542	" Saroda Prasanna	Bhawanipur	...	48, Sankaripara Road	...	ditto	...	Vakil.	...
1543	" Sarada Prasad	Naihati	...	Golabati Halisahar	...	ditto	...	Independent.	...
1544	" Satish Chandra, B.L.	Baranagar	...	Kutighata	...	ditto	...	Pleader, Munsif's Court.	...
1545	" Shib Chandra	Alipore	...	Gopal Nagar	...	ditto	...	Merchant.	...
1546	" Soti Bhusan	Intally	...	5, Onraet's 2nd Lane	...	ditto	...	Clerk.	...
1547	" Shudhansu Bhusan	Baduria	...	Pura	...	ditto	...	Land-holder.	...
1548	" Surendra Nath	Tollygunge	...	Behala	...	ditto	...	Pleader, High Court.	...
1549	" Satya Charan	Naihati	...	Naihati	...	ditto	...	Clerk, Railway Office, Naihati.	...
1550	" Surendra Nath	ditto	...	ditto	...	ditto	...	Clerk, Revenue Board, Lower Provinces.	...
1551	" Tara Kumar	Tollygunge	...	Barisa	...	ditto	...	Zamindar.	...
1552	" Upendra Nath	Sadar	...	3, Onraet's 2nd Lane	...	ditto	...	Clerk.	...
1553	" Chaudhri, Akhoy Kumar	Tollygunge	...	Barisa	...	ditto	...	Zamindar.	...
1554	" Ardhra Chandra	Khardocho	...	Panilhati	...	ditto	...	ditto.	...
1555	" Bhuban Mohan	Husainabad	...	Taki	...	ditto	...	ditto.	...
1556	" Bhaba Nath	ditto	...	do.	...	ditto	...	ditto.	...

1557	"	Bijoykali	...	ditto	...	do.	...	ditto	...	...	ditto.
1558	"	Chandi Charan	...	Cossipore	...	Gun Foundry Road	...	ditto	...	...	Clerk, Merchant's Office.
1559	"	Girja Nath	...	ditto	...	Cossipore Road	...	ditto	...	...	Zamindar.
1560	"	Ganendra Nath	...	ditto	...	ditto	...	ditto	...	...	Clerk, Merchant's Office.
1561	"	Ganendra	Husainabad	...	...	Taki, now resides at Kalighat, Bhawanipur.	...	ditto	...	...	Zamindar.
1562	"	Kumar.	Baruipur	...	...	pur.	...	ditto	...	...	ditto.
1563	"	Ganendra	Baranagar	...	...	Kutighata	...	ditto	...	...	ditto.
1564	"	Jotindro Nath, M.A., B.L.	Tollygunge	...	...	Barisa	...	ditto	...	...	ditto.
1565	"	Hemanta Kumar.	Baruipur	...	...	Baruipur	...	ditto	...	...	ditto.
1566	"	Kali Sahaya	Tollygunge	...	...	Barisa	...	ditto	...	...	ditto.
1567	"	Kalpada	ditto	...	...	ditto	...	ditto	...	...	ditto.
1568	"	Kalidhan	ditto	...	...	ditto	...	ditto	...	...	ditto.
1569	"	Lalit Mohan	Husainabad	...	...	Taki	...	ditto	...	...	ditto.
1570	"	Radha Nath	Naihati	...	...	Chaudhripara	...	ditto	...	...	Land-holder.
1571	"	Ambika Charan.	Khardaha	...	...	Rohora	...	ditto	...	...	ditto.
1572	"	Mathura Mohan.	Tollygunge	...	...	Barisa	...	ditto	...	...	Zamindar.
1573	"	Mati Lal	Bhangar	...	...	Bodra	...	ditto	...	...	Pleader, Judge's Court.
1574	"	Purna Chandra.	Husainabad	...	...	Taki	...	ditto	...	...	Zamindar.
1575	"	Prio Nath	Tollygunge	...	...	Barisa	...	ditto	...	...	Clerk.
1576	"	Prasanna Kumar.	Ballygunge	...	...	22, Uluberia	...	ditto	...	...	do.
1577	"	Rajendra Nath.	Sadar	...	...	Barisa	...	ditto	...	...	do.
1578	"	Rajendra Nath.	Husainabad	...	...	Saidpur	...	ditto	...	...	do.
1579	"	Debendro Nath.	ditto	...	...	Taki; now resides at Bhawanipur	...	ditto	...	...	Teacher, Bhawanipur London Missionary Institution, Calcutta.
1580	"	Ramaprasad Surjakanta	ditto	...	...	Saidpur	...	ditto	...	...	Zamindar.
1581	"	Jiban Krishna.	Naihati	...	...	Taki; now resides at Amherst Street, Calcutta.	...	ditto	...	...	ditto.
1582	"	Satis Chandra.	Tollygunge	...	...	Chaudhripara, Halisahar	...	ditto	...	...	ditto.
1583	"	Doyal Chandra.	Barrackpur	...	...	Barisa	...	ditto	...	...	ditto.
1584	"	Satyendra Nath.	Cossipur	...	...	Monirampur	...	ditto	...	...	Clerk and Municipal Commissioner.
1585	"			...	...	Cossipur Road	...	ditto	...	...	Zamindar.

NAMES.	PLACE OF ABODE.		Race.	Quality or business.
	Thana.	Village, road, or street.		
1586 Ray Chaudhri, R	Shib Chandra.	Khadda	...	...
1587 "	Surendra Nath.	Cossipore	...	...
1588 "	Satya Pro-sanna.	Intally	...	...
1589 "	Upendra Nath.	Tollygunge	...	...
1590 "	Upendra Nath.	Husainabad	...	...
1591 Rakhit, Kedar Nath	...	Habra	...	...
1592 " Movi Lal	...	ditto	...	...
1593 " Ram Gopal	...	ditto	...	...
1594 Sanyal, Dasarati, B.L.	...	Baranagar	...	...
1595 Sen, Akhil Chandra	...	Bhawanipur	...	...
1596 " Amrita Lal	...	Dum-Dum	...	...
1597 " Ashutosh, B.A., B.L.	...	Kharda	...	...
1598 " Bankim Chandra	...	Bhawanipur	...	...
1599 " Behari Lal	...	Budge-Budge	...	...
1600 " Behari Charan	...	Bhawanipur	...	...
1601 " Braja Lal	...	ditto	...	...
1602 " Chandra Kanta	...	ditto	...	...
1603 " Chandra Kanto	...	ditto	...	...
1604 " Debendra Nath	...	Tollygunge	...	...
1605 " Deval Chandra	...	Naihati	...	...
1606 " Hari Charan	...	Intally	...	...
1607 " Kali Kissen	...	Bhawanipur	...	...
1608 " Kanai Lal	...	ditto	...	...
1609 " Loke Nath	...	Baniapukur	...	...
1610 " Madhusudan	...	Bhawanipur	...	...
1611 " Manmatha Nath	...	ditto	...	...
1612 " Mahendra Nath	...	Tollygunge	...	...
1613 " Nabin Krishna	...	Naihati	...	...
1614 " Upendra Nath	...	Bhawanipur	...	...
1615 Shab, Brahmanund	...	Baliaghata	...	...
1616 " Jiban Krishna	...	Baranagar	...	...
1617 " Narayan Chandra	...	Nawabgunge	...	...
1618 " Prankishna, B.A.	...	Baranagar	...	...
1619 " Nibaran Chandra	...	Nawabgunge	...	...
1620 " Raghu Nandan	...	Dum-Dum	...	...
1586 Ray Chaudhri, R	Shib Chandra.	Khadda	...	...
1587 "	Surendra Nath.	Cossipore	...	...
1588 "	Satya Pro-sanna.	Intally	...	...
1589 "	Upendra Nath.	Tollygunge	...	...
1590 "	Upendra Nath.	Husainabad	...	...
1591 Rakhit, Kedar Nath	...	Habra	...	...
1592 " Movi Lal	...	ditto	...	...
1593 " Ram Gopal	...	ditto	...	...
1594 Sanyal, Dasarati, B.L.	...	Baranagar	...	...
1595 Sen, Akhil Chandra	...	Bhawanipur	...	...
1596 " Amrita Lal	...	Dum-Dum	...	...
1597 " Ashutosh, B.A., B.L.	...	Kharda	...	...
1598 " Bankim Chandra	...	Bhawanipur	...	...
1599 " Behari Lal	...	Budge-Budge	...	...
1600 " Behari Charan	...	Bhawanipur	...	...
1601 " Braja Lal	...	ditto	...	...
1602 " Chandra Kanta	...	ditto	...	...
1603 " Chandra Kanto	...	ditto	...	...
1604 " Debendra Nath	...	Tollygunge	...	...
1605 " Deval Chandra	...	Naihati	...	...
1606 " Hari Charan	...	Intally	...	...
1607 " Kali Kissen	...	Bhawanipur	...	...
1608 " Kanai Lal	...	ditto	...	...
1609 " Loke Nath	...	Baniapukur	...	...
1610 " Madhusudan	...	Bhawanipur	...	...
1611 " Manmatha Nath	...	ditto	...	...
1612 " Mahendra Nath	...	Tollygunge	...	...
1613 " Nabin Krishna	...	Naihati	...	...
1614 " Upendra Nath	...	Bhawanipur	...	...
1615 Shab, Brahmanund	...	Baliaghata	...	...
1616 " Jiban Krishna	...	Baranagar	...	...
1617 " Narayan Chandra	...	Nawabgunge	...	...
1618 " Prankishna, B.A.	...	Baranagar	...	...
1619 " Nibaran Chandra	...	Nawabgunge	...	...
1620 " Raghu Nandan	...	Dum-Dum	...	...

1621	Shastri, Kani Lal	...	Bhawanipur	...	31, Ram Mohan Dutt's Lane	...	ditto	...	Translator.
1622	" Reshikesh	...	Naihati	...	Bhatpara	...	ditto	...	Teacher, Sanskrit College.
1623	Sheik, Abdul Roof	...	Dum-Dum	...	Satgachhi	...	Mahomedan	...	Municipal Commissioner, South Dum-Dum Municipality.
1624	" Amiruddin	...	South Dum-Dum	...	Digla Nayabasti	...	ditto	...	Pensioner.
1625	" Mayiruddin	...	Baniapukur	...	24, Ice Factory Lane	...	ditto	...	Clerk.
1626	" Moniruddin	...	Bhawanipur	...	44, Bani Madhab Nandan's Lane	...	ditto	...	l'o.
1627	" Mohiuddin	...	Manicktola	...	14, Munsipara Lane	...	ditto	...	.....
1628	" Nojeebur Rohoman	...	Baliaghata	...	Talpukur Road	...	ditto	...	Draftsman.
1629	" Wahed Bux	...	ditto	...	North Scaldah Lane	...	ditto	...	ditto.
1630	Shome, Gopal Chandra	...	Bhawanipur	...	24, Chaulpati Road	...	Hindu	...	Judicial Clerk, Magistrate's office.
1631	" Moti Lal	...	Chitpur	...	Khilat Ghose's Lane, Talla	...	ditto	...	Clerk.
1632	Sengupta, Kissory	...	Naihati	...	Baidyapara, Halisahar	...	ditto	...	Professor, Hooghly College.
	M.A.								
1633	Sil, Bhola Nath	...	Watunge	...	20, Padmapukur West Lane, Kidderpore	...	ditto	...	Attorney's clerk.
1634	" Hari Das	...	Baliaghata	...	Huro Mohan Ghose's Lane	...	ditto	...	Land-holder.
1635	" Radha Ballabh	...	ditto	...	Sastitola Road	...	ditto	...	Clerk.
1636	" Nrisingha	...	ditto	...	Padmapukur East Lane	...	ditto	...	ditto.
1637	Sing, Ananda Prasad	...	Gobardanga	...	Gaipur	...	ditto	...	Officer of the Gobardanga Municipality.
1638	" Ashutosh	...	Tollygunge	...	5, Gopal Banerjee's Lane	...	ditto	...	Auditor of Accounts.
1639	" Giris Chandra	...	Bhawanipur	...	14, Belfala Road	...	ditto	...	Muktear, High Court.
1640	" Gokul Chandra	...	Dum-Dum	...	Sultanpur, Dum-Dum	...	ditto	...	Clerk.
1641	" Jadu Nath	...	Bankipore	...	Mathurhat	...	ditto	...	Muktear, Diamond Harbour, Fauzdari Court.
1642	" Kedar Nath	...	Bistapur	...	Sukdebpur	...	ditto	...	Zamindar.
1643	" Pulin Behari	...	Alipore	...	Gopalnagar	...	ditto	...	Muharrir, Munsif's Court, Alipore.
1644	" Purna Chandra	...	Naihati	...	Kona	...	ditto	...	Clerk.
1645	" Nitya Lal	...	Mothurapur	...	Mathurapur	...	ditto	...	Land-owner.
1646	" Srish Chandra	...	Dum-Dum	...	53, Komardanga	...	ditto	...	Clerk.
1647	" Tarak Nath	...	Barasat	...	Nalkura	...	ditto	...	Head Master, Goostia School.
1648	" Uddhab Chandra	...	Baniapukur	...	24, Hukawalla Gali	...	ditto	...	Merchant.
1649	Shikdar, Hriday Nath	...	Watunge	...	Baniapukur Road	...	ditto	...	Muktear.
1650	Sarkar, Akhoy Kumar	...	Khordaha	...	Sukchar	...	ditto	...	Clerk, Office of the Private Secretary to His Excellency the Viceroy.
1651	" Benod Behari	...	.....	...	Ramkamal Mukerjee's Lane	...	ditto	...	.....
1652	" Becharam	...	Barrackpore	...	Chundunpur	...	ditto	...	Pleader.
1653	" Benod Behari	...	Baliaghata	...	Narikeldanga Main Road	...	ditto	...	Clerk, Merchant's Office.
1654	" Chandra Kumar	...	Debipur	...	Mala	...	ditto	...	Land-owner.
1655	" Debendra Nath	...	Baliaghata	...	Chaulpati Road	...	ditto	...	Trader, Aratdar.
1656	" Gobardhan	...	Watunge	...	Circular Garden Reach Road	...	ditto	...	Clerk.
1657	" Gobardhan	...	Naihati	...	Galabati	...	ditto	...	Do.
1658	" Jadu Nath	...	Intally	...	68, South Road, Intally	...	ditto	...	Zamindar.
1659	" Joy Krishna	...	Barrackpore	...	Chanak	...	ditto	...	Contractor.
1660	" Kedar Nath	...	Debipur	...	Ramnagar	...	ditto	...	Land-owner.
1661	" Kasipati	...	Watunge	...	Tarafuar's Tank, 2nd Lane	...	ditto	...	Clerk.
1662	" Kisori Lal	...	Garden Reach	...	Sonai 2nd Lane	...	ditto	...	Clerk, Bengal Secretariat.
	Ghanesyam.								

NAMES.		PLACE OF ABODE.		Race.	Quantity or business.
		Thana.	Village, road, or street.		
S					
1663	Sarkar, Lolit Mohan	...	Baduria	...	Land-holder
1664	" Naba Kumar	...	Bhawanipur	...	Clerk, Police Commissioner's Office.
1665	" Nobin Chandra	...	Baliaghata	...	ditto
1666	" Nobin Chandra	...	Bhawanipur	...	Broker.
1667	" Parbati Charan	...	Intally	...	Zamindar.
1668	" Purna Chandra	...	ditto	...	Pensioner.
1669	" Raj Kumar	...	Alipore	...	Muktear.
1670	" Raj Kumar	...	ditto	...	Zamindar.
1671	" Raj Kumar	...	Watgunge	...	Tradesman.
1672	" Sasi Bhushan, B.A.,	...	Diamond Harbour	...	Pleader, Munsif's Court, Diamond Harbour.
B.L.					
1673	" Shib Chundra	...	Bhawanipur	...	Pensioner.
1674	" Tarapada	...	Tollygunge	...	Zamindar.
1675	" Taruk Nath, B.A.	...	Barasat	...	Head Master, Baraset Government English School.
1676	" Upendro Nath	...	Naihati	...	Clerk, Merchant's Office.
1677	Sur, Kedar Nath	...	Baliaghata	...	Clerk, Agra Bank.
1678	" Ram Lal	...	ditto	...	Clerk, Merchant's Office.
1679	" Syam Lal	...	ditto	...	ditto
1680	" Sasi Bhushan	...	ditto	...	Clerk, Agra Bank.
1681	" Abinas Chandra	...	Maniktola	...	Merchant.
1682	" Umesh Chandra	...	Intally	...	Overseer.
1683	Sarkel, Hari Charan, M.A., B.L.	...	Baduria	...	Pleader, Judge's Court.
1684	Sanyal, Ram Brahma	...	Alipore	...	Superintendent, Zoological Garden.
1685	Sultan Alam, Nawab	...	Tollygunge	...	Attorney-at-law.
1686	Syed, Munshi Anwarally	...	Bhawanipur	...	Peshkar, High Court.
1687	Saw, Bijay Dayal	...	Chitpur	...	Merchant.
T					
1688	Tarafdar, Shashi Bhushan	...	Baduria	...	Muktear, Basirhat.
1689	Revd. P. C. Bose	...	Baliaghata	...	Assistant, Foreign Department.
1690	Sadhukhan, Roma Nath	...	Barasat	...	Trader.
24-PARGANAS COLLECTORATE,					F. R. S. COLLIER,
The 12th January 1894.					Collector.